DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Altamont Environmental, Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Marta A VanDussen Phone: (828) 281-3350

E-mail: mvandussen@altamontenvironmental.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Madison County Closed Municipal Solid Waste Landfill	389 Long Branch Road Marshall, NC 28753	58-02	.0500	April 15-17, 2009 June 15, 2009

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☒ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify)
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Joel D. Lenk — P.G. — (828) 281-3350

Facility Representative Name (Print) — Title — (Area Code) Telephone Number

Signature — 6/25/09 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 2944 GEOLOGIST JOEL D. LENK

Revised 01/2007

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SPRING 2009 SEMIANNUAL WATER QUALITY MONITORING REPORT

MADISON COUNTY CLOSED MUNICIPAL SOLID WASTE LANDFILL

MADISON COUNTY, NORTH CAROLINA

Prepared for
Madison County, North Carolina

June 25, 2009

Prepared by
Altamont Environmental, Inc.

Joel D. Lenk
Project Geologist

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1.0 INTRODUCTION

The Madison County Solid Waste Department maintains a closed municipal solid waste landfill (Closed Landfill) located near the intersection of US Highway25/70 Bypass and Long Branch Road (State Route 1582) in Madison County, North Carolina (Figure 1). The permit for the landfill requires semiannual monitoring of groundwater and surface-water quality. This report describes the first groundwater and surface-water quality sampling event conducted in 2009. This report is being submitted in accordance with monitoring requirements for closed landfills as stipulated in the North Carolina Department of Environment and Natural Resources (DENR) Division of Waste Management (DWM) Permit No. 58-02 issued to the Madison County Solid Waste Department.

This semiannual report provides an evaluation of groundwater and surface water quality for the Madison County Closed Landfill (Closed Landfill).

This report contains the following items:

- Groundwater level measurements
- A map depicting the location of the site
- A map of groundwater and surface-water sampling locations
- Groundwater and surface-water quality analytical results
- Sampling logs
- Laboratory analytical reports with chain-of-custody documentation

2.0 METHODS

Closed Landfill monitoring wells (5802-MW-01-OLD and 5802-MW-02-OLD), the background spring (5802-BG-SPRING-OLD), surface-water sample locations (5802-SW-01-OLD and 5802-SW-02-OLD), and domestic wells (DW-01-EDWARDS and DW-02-EDWARDS) were sampled by Altamont Environmental, Inc. (Altamont) personnel on April 15 and 17, and June 15, 2009. Approximate sample locations are depicted on Figure 2.

The water sample collected from the 5802-BG-SPRING-OLD sampling location is treated as a groundwater sample for the following reasons:

- The sampling point does not discharge groundwater to the ground surface.
- Construction of the sample access point is similar to a temporary monitoring well or piezometer.
- The sampling point is constructed of PVC casing extending below ground surface and is assumed to have a screened interval from which groundwater is collected and recharges.

2.1 GROUNDWATER PURGING AND SAMPLING METHODS

Monitoring wells

Prior to collecting groundwater samples from the monitoring wells, the static water level and total depth of the wells were measured and recorded in order to calculate a well volume. At each sample location, an initial round of field parameters consisting of pH, specific conductivity, dissolved oxygen, oxidation reduction potential, turbidity, and temperature was measured and recorded. Water-level measurements and field parameters are included in Table 1. Groundwater monitoring wells and sampling point 5802-BG-SPRING-OLD were then purged with a disposable bailer. Generally, as each consecutive well volume was removed with the bailer, an additional round of groundwater parameters was recorded. Each well was purged until three well volumes were removed, or until the well had been bailed dry. Wells that had been bailed dry were allowed to recharge for up to 24 hours prior to collecting a groundwater sample.

Domestic wells

Altamont personnel sampled the two domestic wells once on April 17, 2009, and again on June 15, 2009. One set of field parameters and a groundwater sample were collected from each of the residential drinking-water wells on both April 17 and June 15. Domestic wells 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS were purged and sampled using the dedicated pumps existing in each of the wells. Groundwater used to measure field parameters and to collect samples was accessed from a spigot in the basement at domestic well 5802-DW-01-EDWARDS, because a spigot does not exist at the wellhead. The groundwater used to measure field parameters and collect samples from domestic well 5802-DW-02-EDWARDS was obtained from a spigot at the wellhead. Altamont personnel recorded a round of field parameters prior to purging the well, and again after each consecutive purge volume of 10 gallons had been pumped from the well. A final round of field parameters was recorded immediately before collecting the groundwater sample after a minimum of 30 gallons was purged from the well. Field parameters are reported in Table 1. Groundwater samples were collected each domestic well using laboratory-supplied sample containers from after approximately 30 gallons of groundwater had been purged and four sets of field parameters were recorded.

2.2 SURFACE WATER SAMPLING METHODS

Surface-water samples 5802-SW-01-OLD and 5802-SW-02-OLD were collected at designated locations along Profitt Branch, which flows adjacent to the southern site-boundary in an east-to-west direction (Figure 2). The surface-water sample collected at the 5802-SW-01-OLD location represents surface-water quality upstream of the closed landfill, while the surface-water sample collected at the 5802-SW-02-OLD location represents surface-water quality downstream of the closed landfill. One set of field parameters, including temperature, pH, specific conductivity, dissolved oxygen, oxidation reduction potential, and turbidity, was measured and recorded at each surface-water sampling location prior to sample collection (Table 1).

2.3 SAMPLE HANDLING, DOCUMENTATION, AND ANALYSIS

Field parameters and additional observations pertaining to the Closed Landfill sampling locations are provided on the sampling logs included in Appendix A. Water-level measurements and field parameters are also included in Table 1. Altamont personnel wore new, non-reactive nitrile gloves at each sampling location to prevent cross-contamination of groundwater samples. Following sample collection, groundwater and surface-water samples were immediately placed on ice in sample coolers for transport to Pace Analytical Laboratories (Pace), a North Carolina certified laboratory located in Asheville, North Carolina. Altamont submitted the groundwater samples collected from the monitoring wells and the surface-water samples to Pace for analysis as follows:

- Appendix I volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 8260
- Eight Resource Conservation and Recovery Act (RCRA) metals using EPA Methods 6010 and 7470

A trip blank provided by the laboratory was placed in the sample cooler and analyzed for Appendix I VOCs. Proper chain-of-custody documentation was followed during collection and transport of each sample. The laboratory analytical reports and chain-of-custody documentation are included in Appendix B.

3.0 FINDINGS

The laboratory analytical results for the groundwater and surface-water samples collected at the Closed Landfill are compiled in Table 1, which is displayed in the Electronic Data Deliverable (EDD) format specified by the Solid Waste Section memorandum dated October 27, 2006. The laboratory analytical report issued by Pace for this sampling event is included as Appendix B.

As stipulated in the memorandum referenced above, non-detections, or concentrations of analytes detected below the laboratory-specific Method Detection Limit (MDL), were reported as "Below Quantitation Limits" (BQLs), and all concentrations exceeding the laboratory-specific MDLs were reported and appropriately qualified (see Tables 1 through 3). The MDL is the minimum concentration of a substance that can be measured and reported by a laboratory with 99% confidence that the analyte concentration is greater than zero. All detections were compared to analyte-specific Solid Waste Section Limits (SWSLs) established by the NC Solid Waste Section. The SWSL is the lowest concentration of an analyte in a sample that can be quantitatively determined with suitable precision and accuracy. If a reported concentration below the SWSL and above the laboratory MDL, then the analytical result is qualified as estimated. These results are flagged with a "J" qualifier (J-flag) in Table 1.

Detected concentrations of analytes in groundwater samples were compared to the standard from the North Carolina Administrative Code (NCAC) Title 15A, Subchapter 2L groundwater quality standards (2L Standard; 15A NCAC 2L.0202). Detected concentrations of analytes in groundwater without established 2L Standard were compared to the Groundwater Protection Standard (GWPS) pursuant to 15A NCAC 13B.1634. Detections of analytes in surface-water samples were compared to the standard from the NCAC Title 15A, Subchapter 2B surface-water quality standards (2B Standard; 15A NCAC 2B.0200s).

3.1 GROUNDWATER - MONITORING WELLS

Analytical results for groundwater samples collected from monitoring wells and sampling point 5802-BG-SPRING-OLD are discussed below and are summarized in Tables 1 and 2. The laboratory reports are included in Appendix B.

Appendix I Metals (EPA Methods 6010, 6020, and 7470)

Three metals (barium, chromium, and silver) were detected in one or more of the groundwater samples (5802-BG-SPRING-OLD, 5802-MW-01-OLD, and 5802-MW-02-OLD) at concentrations below their respective SWSLs. These analytical results are qualified with a J-flag, and are shown in Table 1.

Metals detected in groundwater samples at concentrations above the associated SWSL but below the applicable 2L Standard or GWPS (Table 2):

- Barium (SWSL = 100 µg/L) was detected in the groundwater sample collected from 5802-MW-01-OLD (128 µg/L)

Metals detected in groundwater samples at concentrations above the applicable 2L Standard or GWPS:

- None

Appendix I VOCs (EPA Method 8260)

One VOC (cis-1,2-dichloroethene) was detected below its SWSL in the groundwater sample collected from 5802-MW-01-OLD.

VOCs detected in groundwater samples at concentrations above the associated SWSL but below the applicable 2L Standard or GWPS:

- None

VOCs detected in groundwater samples at concentrations above the associated 2L Standard or GWPS:

- None

3.2 SURFACE WATER

Analytical results for surface-water samples collected from Profitt Branch are discussed below and are summarized in Table 1. The laboratory reports are included in Appendix B.

Appendix I Metals (EPA Methods 6010, 6020, and 7470)

Two metals (barium and chromium) were detected in one or both of the surface-water samples (5802-SW-01 and 5802-SW-02) at concentrations below their respective SWSLs. These analytical results are qualified with a J-flag, and are shown in Table 1.

Metals detected in surface water samples at concentrations above the associated SWSL but below the applicable 2B Standard:

- None

Metals detected in surface water samples at concentrations above the applicable 2L Standard or GWPS:

- None

Appendix I VOCs (EPA Method 8260)

VOCs were not detected in either of the surface-water samples.

3.3 GROUNDWATER—DOMESTIC WATER WELLS

Analytical results for samples collected from the domestic water wells 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS are discussed below, and are reported in Table 1. The laboratory reports are included in Appendix B. As noted in section 2.1, Altamont personnel collected two samples from each of the domestic water wells during the spring 2009 sampling event.

Altamont initially collected groundwater samples from each of the domestic drinking water wells on April 17, 2009. These samples were submitted to Pace for analysis for Appendix I metals and Appendix I VOCs. After receiving the laboratory analytical reports from Pace for the April 17 sampling event, a second round of groundwater samples was collected from both the domestic drinking water wells on June

15, 2009 submitted to Pace for analysis of Appendix I VOCs (EPA Method 8260) only. The analytical results from the drinking water samples are summarized, as follows:

Appendix I Metals (EPA Methods 6010, 6020, and 7470)

Two metals (chromium and selenium) were detected in the groundwater samples collected from the residential wells on April 17, 2009 at concentrations below the metals' respective SWSLs. These results are qualified with J-flags in Table 1.

Metals detected in groundwater samples collected from domestic wells at concentrations above the associated SWSL but below the applicable 2L Standard or GWPS:

- Barium (SWSL = 100 µg/L) in the samples collected from domestic wells 5802-DW-01-EDWARDS (170 µg/L) and 5802-DW-02-EDWARDS (114 µg/L)

Metals detected in groundwater samples collected from domestic wells at concentrations above the applicable 2L Standard or GWPS:

- None

Appendix I VOCs (EPA Method 8260)

One VOC was detected in the groundwater samples collected from one domestic drinking water well on both April 17, 2009 and on June 15, 2009.

VOCs detected in groundwater samples collected from domestic wells at concentrations below the associated SWSL the applicable 2L Standard or GWPS:

- None

VOCs detected in groundwater samples collected from domestic wells at concentrations above the associated SWSL but below the applicable 2L Standard or GWPS:

- None

VOCs detected in groundwater samples collected from domestic wells at concentrations above the associated 2L Standard or GWPS:

- Tetrachloroethene (2L Standard = 0.70 µg/L) was detected in the groundwater samples collected from 5802-DW-02-EDWARDS (15.5 µg/L on April 17, 2009 and 5.0 µg/L on June 15, 2009)

A discussion of these results is included in following Summary section of this report.

4.0 SUMMARY

A summary of the semiannual groundwater monitoring event conducted on April 15 and 17 and June 15, 2009 at the Closed Landfill is provided below.

Surface Water

No metals or VOCs were detected at concentrations above their respective SWSLs in the surface-water samples. Similarly, no metals or VOCs were detected at concentrations above their 2B Standards.

Groundwater

Only one metal, barium, was detected at concentrations above its SWSL (100 µg/L) in the samples collected from the monitoring wells and domestic wells. Barium was detected at a concentration above the SWSL in the two samples collected from domestic drinking water wells: 5802-DW-01-EDWARDS at 170 µg/L and 5802-DW-02-EDWARDS at 114 µg/L. However, metals were not detected in either the samples collected from monitoring wells, sampling point 5802-BG-SPRING-OLD or the samples collected from domestic drinking water wells at concentrations that exceeded the associated 2L Standard or GWPS.

VOCs were not detected at concentrations above their respective SWSLs in the groundwater samples collected from monitoring wells or in one of two domestic wells sampled during this event. However, one VOC, tetrachloroethene, was detected in the groundwater sample collected from the domestic drinking water well 5802-DW-02-EDWARDS. As described in section 3.3, tetrachloroethene was detected in the groundwater sample collected from the spigot at the wellhead of domestic well 5802-DW-02-EDWARDS on April 17, 2009 at a concentration of 15.5 µg/L and again on June 15, 2009 at a concentration 5.0 of µg/L. Both of these detections exceed the 2L Standard for tetrachloroethene of 0.7 µg/L. In response to these water-quality standard exceedances, Altamont re-sampled both domestic wells, 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS, on June 15, 2009 after receiving verbal confirmation from the laboratory indicating the tetrachloroethene concentration was not a laboratory artifact. The groundwater samples collected from the domestic wells were submitted to Pace for analysis of Appendix VOCs by EPA Method 8260. Tetrachloroethene was again detected in the sample collected

collected from 5802-DW-02-EDWARDS domestic well at a concentration of 5.0 µg/L, which exceeds the 2L Standard of 0.7 µg/L.

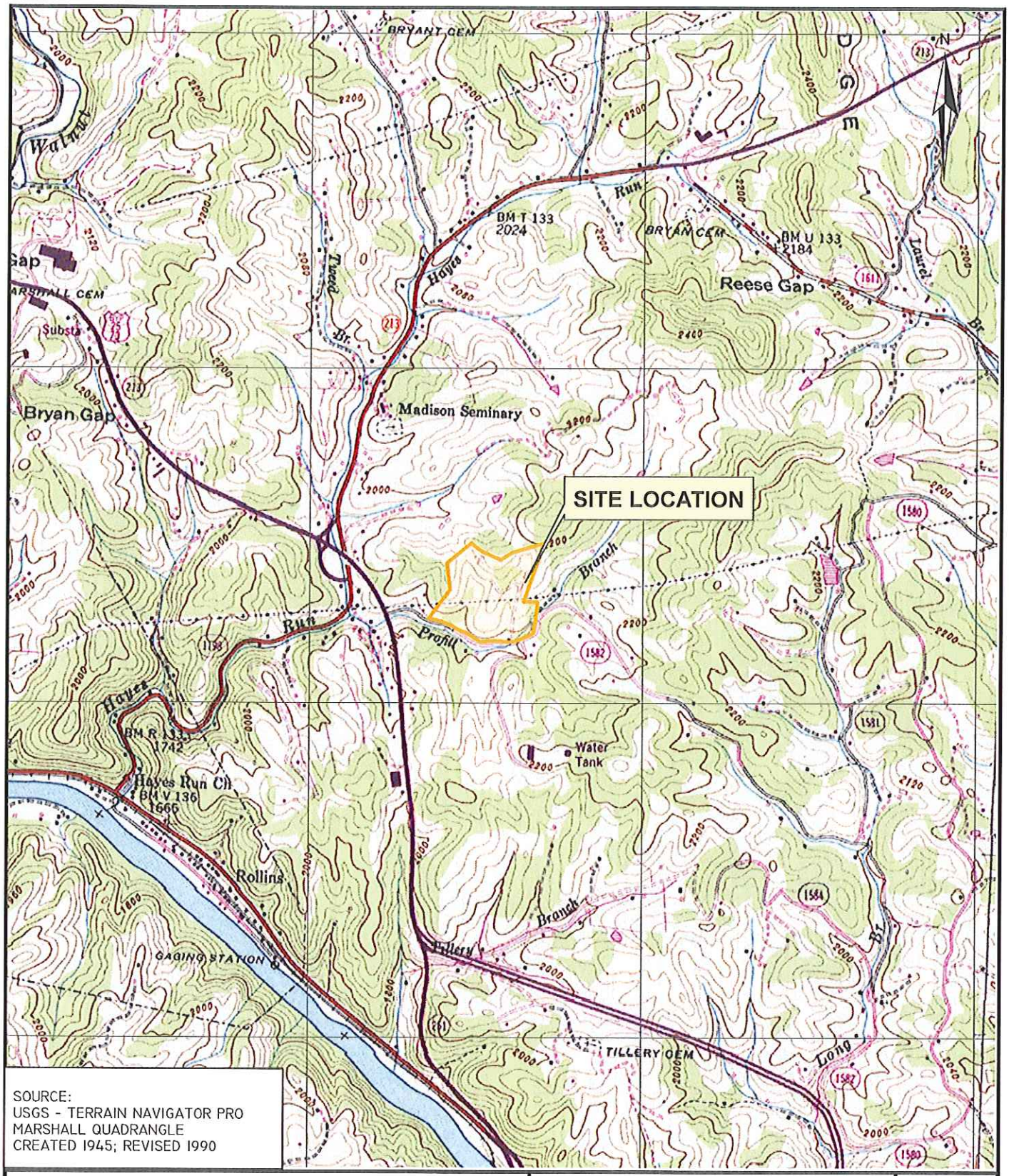
With a single exception, tetrachloroethene has not historically been detected in samples collected from the groundwater monitoring wells or domestic wells at the Madison County Closed Landfill. Tetrachloroethene was detected in a groundwater sample collected from monitoring well 5802-MW-01 (April 1999 at 1.2 µg/L), but it has never been detected in groundwater samples collected from either of the domestic wells. Furthermore, none of the degradation compounds associated with tetrachloroethene (i.e. trichloroethene, cis-1,2-dichloroethene or vinyl chloride) has been detected in domestic well 5802-DW-02-EDWARDS. Taking into consideration the tendency for this VOC to break down into one of its byproducts, the age of the closed landfill, the time that has elapsed since the landfill was closed, the reduction in the detected concentration of the compound between April 17 and June 15, and historic absence of detections of tetrachloroethene in the groundwater samples collected from the monitoring network at the landfill, there is a strong likelihood that the tetrachloroethene detected in the groundwater sample collected from 5802-DW-02-EDWARDS may have originated from a source that is not associated with the landfill. For example, it is possible that the contaminant was introduced to the domestic well directly or indirectly at or near the domestic well head, such as by rinsing a solvent into the septic system. Tetrachloroethene is present in metal degreasers, such as the solvents used to clean automotive parts, and it is found in household items, such as upholster cleaners and stain removers.

Neither resident could recall any event, maintenance activities, or chemical spill in the last six months that could have resulted in damage or alterations to their wellhead, septic system, or pump. It should also be noted that, although initial observations seem to attribute the detections to a source other than the landfill, the domestic well was drilled at a location that is closer than 500 feet to the landfill, which does not comply with the well construction standards for drinking water wells stipulated by DENR (15A NCAC 2C .0100).

Madison County has approached the owners of the domestic well and offered them bottled drinking water as a precautionary measure. Madison County has also made plans to sample the well on either a monthly or bi-monthly basis in an effort to determine whether the concentration of tetrachloroethene in the well is increasing or decreasing. Altamont will continue to monitor metals and VOCs on a

semiannual basis at the Madison County Closed Solid Waste Landfill. The next sampling event is scheduled for October 2009.

FIGURES



SOURCE:
USGS - TERRAIN NAVIGATOR PRO
MARSHALL QUADRANGLE
CREATED 1945; REVISED 1990

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SITE LOCATION MAP
MADISON COUNTY
CLOSED MSW LANDFILL

389 Long Branch Road
Marshall, NC 28753

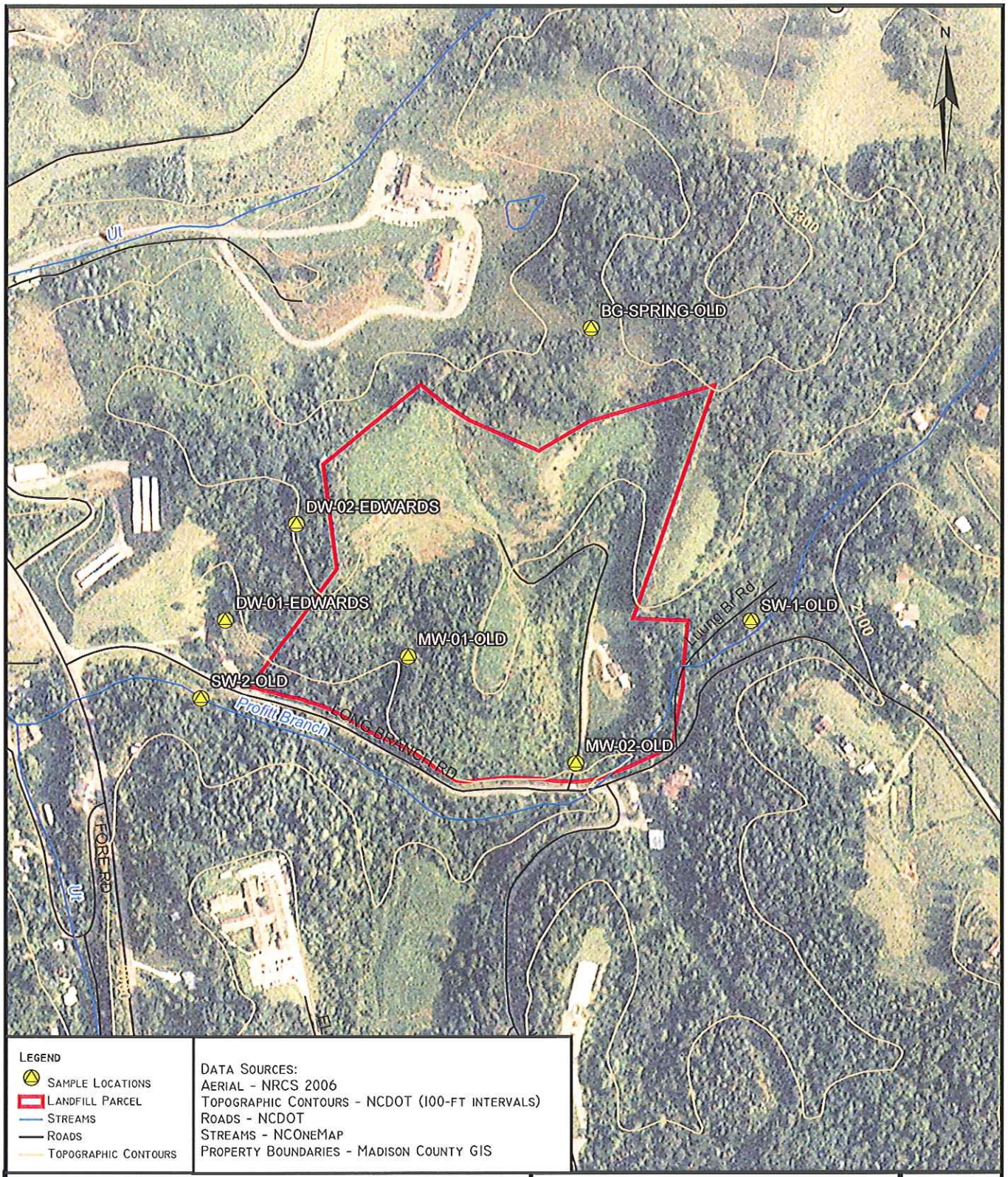
MADISON COUNTY, NORTH CAROLINA

FIGURE 1

DRAWN BY: KATIE MASSIE
PROJECT MANAGER: JOEL LENK
CLIENT: MADISON COUNTY
DATE: 06/23/2009

SCALE
0 500 1,000 2,000 Feet

P:\Madison County\Figures\GIS\GIS User\MXDs\Site_Location_OldMadisonLandfill.mxd



LEGEND

- SAMPLE LOCATIONS
- LANDFILL PARCEL
- STREAMS
- ROADS
- TOPOGRAPHIC CONTOURS

DATA SOURCES:
AERIAL - NRCS 2006
TOPOGRAPHIC CONTOURS - NCDOT (100-FT INTERVALS)
ROADS - NCDOT
STREAMS - NCONEMAP
PROPERTY BOUNDARIES - MADISON COUNTY GIS

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SAMPLE LOCATION MAP
MADISON COUNTY
CLOSED MSW LANDFILL

389 LONG BRANCH ROAD
MARSHALL, NC 28753

MADISON COUNTY, NORTH CAROLINA

FIGURE

2

DRAWN BY: ANNA SAYLOR
PROJECT MANAGER: JOEL LENK
CLIENT: MADISON COUNTY
DATE: 1/26/2009; 06/23/2009 KRM

SCALE
0 125 250 500 Feet

P:\Madison County\Figures\GIS\GIS User\MXDs\Sample Location Map-Fig 2.mxd

TABLES

Table 1
Analytical Data and Field Parameters
Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-MW-01-OLD	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7440-39-3	15	Barium	128	ug/L		EPA 6010	0.20	100	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7440-47-3	51	Chromium	3.4	ug/L	J	EPA 6010	0.40	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/15/09	04/17/09	04/21/09
58-02	5802-MW-01-OLD	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	7440-22-4	184	Silver	0.19	ug/L	J	EPA 6010	0.10	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-01-OLD	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	156-59-2	78	cis-1,2-Dichloroethene	0.21	ug/L	J	EPA 8260	0.19	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/15/09		04/17/09

Table 1
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Madison County Closed Municipal Solid Waste Landfill
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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-MW-01-OLD	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/15/09		04/17/09
58-02	5802-MW-01-OLD		320	pH	5.89	standard						04/15/09		
58-02	5802-MW-01-OLD		356	Dissolved Oxygen	3.94	mg/L						04/15/09		
58-02	5802-MW-01-OLD		336	Oxygen Reduction Potential	189.9	mV						04/15/09		
58-02	5802-MW-01-OLD		323	Specific Conductivity	0.172	mS						04/15/09		
58-02	5802-MW-01-OLD		325	Temperature	9.82	°C						04/15/09		
58-02	5802-MW-01-OLD		330	Turbidity	172.1	NTU						04/15/09		
58-02	5802-MW-01-OLD		318	Depth to Water	7.07	ft						04/15/09		
58-02	5802-MW-01-OLD		411	Total Well Depth	20.65	ft						04/15/09		
58-02	5802-MW-02-OLD	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7440-39-3	15	Barium	39.2	ug/L	J	EPA 6010	0.20	100	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7440-47-3	51	Chromium	BQL	ug/L	U	EPA 6010	0.40	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/15/09	04/17/09	04/21/09
58-02	5802-MW-02-OLD	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	7440-22-4	184	Silver	0.14	ug/L	J	EPA 6010	0.10	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-MW-02-OLD	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/15/09		04/17/09

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-MW-02-OLD	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/15/09		04/17/09
58-02	5802-MW-02-OLD		320	pH	6.54	standard						04/15/09		
58-02	5802-MW-02-OLD		356	Dissolved Oxygen	7.65	mg/L						04/15/09		
58-02	5802-MW-02-OLD		336	Oxygen Reduction Potential	173.9	mV						04/15/09		
58-02	5802-MW-02-OLD		323	Specific Conductivity	0.214	mS						04/15/09		
58-02	5802-MW-02-OLD		325	Temperature	12.51	°C						04/15/09		
58-02	5802-MW-02-OLD		330	Turbidity	4.38	NTU						04/15/09		
58-02	5802-MW-02-OLD		318	Depth to Water	7.39	ft						04/15/09		
58-02	5802-MW-02-OLD		411	Total Well Depth	43.40	ft						04/15/09		
58-02	5802-BG-SPRING-OLD	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7440-39-3	15	Barium	89.6	ug/L	J	EPA 6010	0.20	100	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7440-47-3	51	Chromium	2.1	ug/L	J	EPA 6010	0.40	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/17/09	04/23/09	04/23/09
58-02	5802-BG-SPRING-OLD	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	7440-22-4	184	Silver	BQL	ug/L	U	EPA 6010	0.10	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-BG-SPRING-OLD	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/17/09		04/23/09

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-BG-SPRING-OLD	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/17/09		04/23/09
58-02	5802-BG-SPRING-OLD		320	pH	5.62	standard						04/17/09		
58-02	5802-BG-SPRING-OLD		356	Dissolved Oxygen	2.42	mg/L						04/17/09		
58-02	5802-BG-SPRING-OLD		336	Oxygen Reduction Potential	181.2	mV						04/17/09		

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-BG-SPRING-OLD		323	Specific Conductivity	0.143	mS						04/17/09		
58-02	5802-BG-SPRING-OLD		325	Temperature	9.86	°C						04/17/09		
58-02	5802-BG-SPRING-OLD		330	Turbidity	15.61	NTU						04/17/09		
58-02	5802-BG-SPRING-OLD		318	Depth to Water	2.34	ft						04/17/09		
58-02	5802-BG-SPRING-OLD		411	Total Well Depth	14.90	ft						04/17/09		
58-02	5802-SW-01-OLD	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7440-39-3	15	Barium	56.6	ug/L	J	EPA 6010	0.20	100	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7440-47-3	51	Chromium	BQL	ug/L	U	EPA 6010	0.40	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/15/09	04/17/09	04/21/09
58-02	5802-SW-01-OLD	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	7440-22-4	184	Silver	BQL	ug/L	U	EPA 6010	0.10	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-01-OLD	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/15/09		04/17/09

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-SW-01-OLD	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/15/09		04/17/09
58-02	5802-SW-01-OLD		320	pH	6.22	standard						04/15/09		
58-02	5802-SW-01-OLD		356	Dissolved Oxygen	12.16	mg/L						04/15/09		
58-02	5802-SW-01-OLD		336	Oxygen Reduction Potential	214.8	mV						04/15/09		
58-02	5802-SW-01-OLD		323	Specific Conductivity	0.216	mS						04/15/09		
58-02	5802-SW-01-OLD		325	Temperature	9.16	°C						04/15/09		
58-02	5802-SW-01-OLD		330	Turbidity	4.15	NTU								
58-02	5802-SW-02-OLD	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7440-39-3	15	Barium	48.9	ug/L	J	EPA 6010	0.20	100	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7440-47-3	51	Chromium	0.68	ug/L	J	EPA 6010	0.40	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/15/09	04/17/09	04/21/09
58-02	5802-SW-02-OLD	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	7440-22-4	184	Silver	BQL	ug/L	U	EPA 6010	0.10	10	1	04/15/09	04/21/09	04/23/09
58-02	5802-SW-02-OLD	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/15/09		04/17/09

Table 1
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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-SW-02-OLD	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/15/09		04/17/09
58-02	5802-SW-02-OLD		320	pH	6.92	standard						04/15/09		
58-02	5802-SW-02-OLD		356	Dissolved Oxygen	11.52	mg/L						04/15/09		
58-02	5802-SW-02-OLD		336	Oxygen Reduction Potential	195.1	mV						04/15/09		
58-02	5802-SW-02-OLD		323	Specific Conductivity	0.148	mS						04/15/09		
58-02	5802-SW-02-OLD		325	Temperature	9.43	°C						04/15/09		
58-02	5802-SW-02-OLD		330	Turbidity	18.78	NTU						04/15/09		
58-02	5802-DW-01-EDWARDS	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7440-39-3	15	Barium	170	ug/L		EPA 6010	0.20	100	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7440-47-3	51	Chromium	0.63	ug/L	J	EPA 6010	0.40	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/17/09	04/23/09	04/23/09
58-02	5802-DW-01-EDWARDS	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	7440-22-4	184	Silver	BQL	ug/L	U	EPA 6010	0.10	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-01-EDWARDS	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/17/09		04/23/09

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-DW-01-EDWARDS	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/17/09		04/23/09
58-02	5802-DW-01-EDWARDS		320	pH	5.88	standard								

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-DW-01-EDWARDS		356	Dissolved Oxygen	4.47	mg/L						04/17/09		
58-02	5802-DW-01-EDWARDS		336	Oxygen Reduction Potential	180	mV						04/17/09		
58-02	5802-DW-01-EDWARDS		323	Specific Conductivity	0.166	mS						04/17/09		
58-02	5802-DW-01-EDWARDS		325	Temperature	15.26	°C						04/17/09		
58-02	5802-DW-01-EDWARDS		330	Turbidity	3.63	NTU						04/17/09		
58-02	5802-DW-01-EDWARDS	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	06/15/09		06/18/09

Table 1
Analytical Data and Field Parameters
Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-DW-01-EDWARDS	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	06/15/09		06/18/09
58-02	5802-DW-01-EDWARDS	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	7440-38-2	14	Arsenic	BQL	ug/L	U	EPA 6010	2.7	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7440-39-3	15	Barium	114	ug/L		EPA 6010	0.20	100	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7440-43-9	34	Cadmium	BQL	ug/L	U	EPA 6010	0.50	1	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7440-47-3	51	Chromium	BQL	ug/L	U	EPA 6010	0.40	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7439-92-1	131	Lead	BQL	ug/L	U	EPA 6010	4.0	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7439-97-6	132	Mercury	BQL	ug/L	U	EPA 7470	0.070	0.2	1	04/17/09	04/23/09	04/23/09
58-02	5802-DW-02-EDWARDS	7782-49-2	183	Selenium	BQL	ug/L	U	EPA 6010	3.8	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7440-22-4	184	Silver	BQL	ug/L	U	EPA 6010	0.10	10	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/17/09		04/23/09

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Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-DW-02-EDWARDS	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**15.5**	ug/L		EPA 8260	0.46	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS		320	pH	6.18	standard						04/17/09		
58-02	5802-DW-02-EDWARDS		356	Dissolved Oxygen	3.62	mg/L						04/17/09		
58-02	5802-DW-02-EDWARDS		336	Oxygen Reduction Potential	206.1	mV						04/17/09		
58-02	5802-DW-02-EDWARDS		323	Specific Conductivity	0.178	mS						04/17/09		
58-02	5802-DW-02-EDWARDS		325	Temperature	13.86	°C						04/17/09		
58-02	5802-DW-02-EDWARDS		330	Turbidity	7.96	NTU						04/17/09		
58-02	5802-DW-02-EDWARDS	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	06/15/09		06/18/09

Table 1
Analytical Data and Field Parameters
Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-DW-02-EDWARDS	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**5.0**	ug/L		EPA 8260	0.46	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	06/15/09		06/18/09
58-02	5802-DW-02-EDWARDS	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	04/15/09		04/22/09
58-02	TRIP BLANK	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	04/15/09		04/22/09
58-02	TRIP BLANK	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	04/15/09		04/22/09
58-02	TRIP BLANK	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	04/15/09		04/22/09
58-02	TRIP BLANK	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	04/15/09		04/22/09
58-02	TRIP BLANK	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	04/15/09		04/22/09
58-02	TRIP BLANK	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	04/15/09		04/22/09
58-02	TRIP BLANK	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	04/15/09		04/22/09
58-02	TRIP BLANK	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	04/15/09		04/22/09
58-02	TRIP BLANK	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	04/15/09		04/22/09

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Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	TRIP BLANK	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	04/15/09		04/22/09
58-02	TRIP BLANK	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	04/15/09		04/22/09
58-02	TRIP BLANK	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	04/15/09		04/22/09
58-02	TRIP BLANK	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	04/15/09		04/22/09
58-02	TRIP BLANK	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	04/15/09		04/22/09
58-02	TRIP BLANK	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	04/15/09		04/22/09
58-02	TRIP BLANK	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	04/15/09		04/22/09
58-02	TRIP BLANK	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	04/15/09		04/22/09
58-02	TRIP BLANK	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	04/15/09		04/22/09
58-02	TRIP BLANK	630-20-6	190	1,1,1,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.33	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	71-55-6	200	1,1,1-Trichloroethane	BQL	ug/L	U	EPA 8260	0.48	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	79-34-5	191	1,1,2,2-Tetrachloroethane	BQL	ug/L	U	EPA 8260	0.40	3	1	06/15/09		06/18/09
58-02	TRIP BLANK	79-00-5	202	1,1,2-Trichloroethane	BQL	ug/L	U	EPA 8260	0.29	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-34-3	75	1,1-Dichloroethane	BQL	ug/L	U	EPA 8260	0.32	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-35-4	77	1,1-Dichloroethene	BQL	ug/L	U	EPA 8260	0.56	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	96-18-4	206	1,2,3-Trichloropropane	BQL	ug/L	U	EPA 8260	0.41	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	96-12-8	67	1,2-Dibromo-3-chloropropane	BQL	ug/L	U	EPA 8260	2.5	13	1	06/15/09		06/18/09
58-02	TRIP BLANK	106-93-4	68	1,2-Dibromoethane (EDB)	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	95-50-1	69	1,2-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.30	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	107-06-2	76	1,2-Dichloroethane	BQL	ug/L	U	EPA 8260	0.12	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	78-87-5	82	1,2-Dichloropropane	BQL	ug/L	U	EPA 8260	0.27	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	106-46-7	71	1,4-Dichlorobenzene	BQL	ug/L	U	EPA 8260	0.33	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	78-93-3	141	2-Butanone (MEK)	BQL	ug/L	U	EPA 8260	0.96	100	1	06/15/09		06/18/09
58-02	TRIP BLANK	591-78-6	124	2-Hexanone	BQL	ug/L	U	EPA 8260	0.46	50	1	06/15/09		06/18/09
58-02	TRIP BLANK	108-10-1	147	4-Methyl-2-pentanone (MIBK)	BQL	ug/L	U	EPA 8260	0.33	100	1	06/15/09		06/18/09
58-02	TRIP BLANK	67-64-1	3	Acetone	BQL	ug/L	U	EPA 8260	2.2	100	1	06/15/09		06/18/09
58-02	TRIP BLANK	107-13-1	8	Acrylonitrile	BQL	ug/L	U	EPA 8260	1.9	200	1	06/15/09		06/18/09
58-02	TRIP BLANK	71-43-2	16	Benzene	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	74-97-5	28	Bromochloromethane	BQL	ug/L	U	EPA 8260	0.17	3	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-27-4	29	Bromodichloromethane	BQL	ug/L	U	EPA 8260	0.18	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-25-2	30	Bromoform	BQL	ug/L	U	EPA 8260	0.26	3	1	06/15/09		06/18/09
58-02	TRIP BLANK	74-83-9	136	Bromomethane	BQL	ug/L	U	EPA 8260	0.29	10	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-15-0	35	Carbon disulfide	BQL	ug/L	U	EPA 8260	1.2	100	1	06/15/09		06/18/09
58-02	TRIP BLANK	56-23-5	36	Carbon tetrachloride	BQL	ug/L	U	EPA 8260	0.25	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	108-90-7	39	Chlorobenzene	BQL	ug/L	U	EPA 8260	0.23	3	1	06/15/09		06/18/09

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	TRIP BLANK	75-00-3	41	Chloroethane	BQL	ug/L	U	EPA 8260	0.54	10	1	06/15/09		06/18/09
58-02	TRIP BLANK	67-66-3	44	Chloroform	BQL	ug/L	U	EPA 8260	0.14	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	74-87-3	137	Chloromethane	BQL	ug/L	U	EPA 8260	0.11	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	156-59-2	78	cis-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.19	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	10061-01-5	86	cis-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.13	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	124-48-1	66	Dibromochloromethane	BQL	ug/L	U	EPA 8260	0.21	3	1	06/15/09		06/18/09
58-02	TRIP BLANK	74-95-3	139	Dibromomethane	BQL	ug/L	U	EPA 8260	0.21	10	1	06/15/09		06/18/09
58-02	TRIP BLANK	100-41-4	110	Ethylbenzene	BQL	ug/L	U	EPA 8260	0.30	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	74-88-4	142	Iodomethane	BQL	ug/L	U	EPA 8260	0.32	10	1	06/15/09		06/18/09
58-02	TRIP BLANK	1330-20-7	359	m&p-Xylene	BQL	ug/L	U	EPA 8260	0.66	NE	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-09-2	140	Methylene Chloride	BQL	ug/L	U	EPA 8260	0.97	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	95-47-6	408	o-Xylene	BQL	ug/L	U	EPA 8260	0.23	NE	1	06/15/09		06/18/09
58-02	TRIP BLANK	100-42-5	186	Styrene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	127-18-4	192	Tetrachloroethene	BQL	ug/L	U	EPA 8260	0.46	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	108-88-3	196	Toluene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	156-60-5	79	trans-1,2-Dichloroethene	BQL	ug/L	U	EPA 8260	0.49	5	1	06/15/09		06/18/09
58-02	TRIP BLANK	10061-02-6	87	trans-1,3-Dichloropropene	BQL	ug/L	U	EPA 8260	0.26	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	110-57-6	73	trans-1,4-Dichloro-2-butene	BQL	ug/L	U	EPA 8260	1.0	100	1	06/15/09		06/18/09
58-02	TRIP BLANK	79-01-6	201	Trichloroethene	BQL	ug/L	U	EPA 8260	0.47	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-69-4	203	Trichlorofluoromethane	BQL	ug/L	U	EPA 8260	0.20	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	108-05-4	210	Vinyl acetate	BQL	ug/L	U	EPA 8260	0.35	50	1	06/15/09		06/18/09
58-02	TRIP BLANK	75-01-4	211	Vinyl chloride	BQL	ug/L	U	EPA 8260	0.62	1	1	06/15/09		06/18/09
58-02	TRIP BLANK	1330-20-7	346	Xylene (Total)	BQL	ug/L	U	EPA 8260	0.66	5	1	06/15/09		06/18/09

Notes:

1. "CAS Number" is a unique number assigned by the Chemical Abstracts Service (CAS) to an identified parameter.
2. "SWS ID" is the Solid Waste Section Identification Number.
3. "Result" is analytical data reported by the laboratory in units of micrograms per liter (ug/L). "BQL" indicates that the analytical result was Below Quantitation Limits.
4. "Qualifier" is a laboratory data qualifier or flag. "U" is used to denote parameters not detected at concentrations above the Method Detection Limit (MDL). "J" is used to denote parameters detected at estimated concentrations above the Method Detection Limit (MDL) but below the Solid Waste Section Limit (SWSL). Italicized J-flags ("*J*") denote values that are above the MDL, but are below both the laboratory's adjusted reporting limit (PQL) and the SWSL.
5. "Method" is the analytical method used to analyze the constituents.
6. Method Detection Limit ("MDL") is the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.
7. "SWSL" is the Solid Waste Section Limit. This limit is the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.
8. "Dilution Factor" is reported as a single number and indicates whether or not dilution of the sample was performed prior to analysis. A value of 1 indicates that the sample was not diluted prior to analysis.
9. "Collect Date" is the date on which the sample was collected in the field.
10. "Extraction Date" is the date on which the sample was prepared/extracted for analysis. If special preparation or extraction was not performed prior to analysis, the data table cell is blank.
11. "Analysis Date" is the date on which the sample was analyzed by the lab.
12. **Bold** numbers indicate a result equal to or in exceedance of the 2L Standard, 2B Standard, or Groundwater Protection Standard (GWPS). If no 2L Standard exists, then values are compared to the GWPS.
13. 2B Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2B - Surface Water and Wetland Standards," DENR and EPA standards summary table (last amended on August 2007).
14. 2L Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2L - Groundwater Classifications and Standards," DENR, (last amended on December 7, 2006).
15. Groundwater Protection Standard is pursuant to "15A NCAC 13B .1634," DENR. Current standards were obtained from http://www.wastenotnc.org/sw/swenvmonitoringlist.asp (last amended on October 23, 2007).
16. "NE" means Not Established.
17. Blank cells indicate that there is no information relevant to the respective row.
18. Domestic wells 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS were initially sampled on April 17, 2009. In response to the detection of tetrachloroethene in the sample collected from domestic well 5802-DW-EDWARDS, Altamont took a second sample from each of the domestic wells on June 15, 2009. The samples and a trip blank was submitted to the laboratory for analysis of Appendix I VOCs by EPA Method 8260.

Table 2
Solid Waste Section Limit Exceedance Notification
Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
58-02	5802-MW-01-OLD	7440-39-3	15	Barium	128	ug/L		EPA 6010	0.20	100	1	04/15/09	04/21/09	04/23/09
58-02	5802-DW-01-EDWARDS	7440-39-3	15	Barium	170	ug/L		EPA 6010	0.20	100	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	7440-39-3	15	Barium	114	ug/L		EPA 6010	0.20	100	1	04/17/09	04/24/09	04/29/09
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**15.5**	ug/L		EPA 8260	0.46	1	1	04/17/09		04/23/09
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**5.0**	ug/L		EPA 8260	0.46	1	1	06/15/09		06/18/09

Notes:

1. "CAS Number" is a unique number assigned by the Chemical Abstracts Service (CAS) to an identified parameter.
2. "SWS ID" is the Solid Waste Section Identification Number.
3. "Result" is analytical data reported by the laboratory in units of micrograms per liter (ug/L). "BQL" indicates that the analytical result was Below Quantitation Limits.
4. "Qualifier" is a laboratory data qualifier or flag. "U" is used to denote parameters not detected at concentrations above the Method Detection Limit (MDL). "J" is used to denote parameters detected at estimated concentrations above the Method Detection Limit (MDL) but below the Solid Waste Section Limit (SWSL). Italicized J-flags ("*J*") denote values that are above the MDL, but are below both the laboratory's adjusted reporting limit (PQL) and the SWSL.
5. "Method" is the analytical method used to analyze the constituents.
6. Method Detection Limit ("MDL") is the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.
7. "SWSL" is the Solid Waste Section Limit. This limit is the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.
8. "Dilution Factor" is reported as single number and indicates whether or not dilution of the sample was performed prior to analysis. A value of 1 indicates that the sample was not diluted prior to analysis.
9. "Collect Date" is the date on which the sample was collected in the field.
10. "Extraction Date" is the date on which the sample was prepared/extracted for analysis. If special preparation or extraction was not performed prior to analysis, the data table cell is blank.
11. "Analysis Date" is the date on which the sample was analyzed by the lab.
12. **Bold** numbers indicate a result equal to or in exceedance of the 2L Standard, 2B Standard, or Groundwater Protection Standard (GWPS). If no 2L Standard exists, then values are compared to the GWPS.
13. 2B Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2B - Surface Water and Wetland Standards," DENR and EPA standards summary table (last amended on August 2007).
14. 2L Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2L - Groundwater Classifications and Standards," DENR, (last amended on December 7, 2006).
15. Groundwater Protection Standard is pursuant to "15A NCAC 13B .1634," DENR. Current standards were obtained from http://www.wastenotnc.org/sw/swenvmonitoringlist.asp (last amended on October 23, 2007).
16. "NE" means Not Established.
17. Blank cells indicate that there is no information relevant to the respective row.
18. Domestic wells 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS were initially sampled on April 17, 2009. In response to the detection of tetrachloroethene in the sample collected from domestic well 5802-DW-EDWARDS, Altamont took a second sample from each of the domestic wells on June 15, 2009. The samples and a trip blank was submitted to the laboratory for analysis of Appendix I VOCs by EPA Method 8260.

Table 3
Water Quality Standard Exceedance Notification
Madison County Closed Municipal Solid Waste Landfill
Madison County, North Carolina

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	SWSL	2L Standard	2B Standard	COLLECT DATE	ANALYSIS DATE	CAUSE AND SIGNIFICANCE
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**15.5**	ug/L		EPA 8260	0.46	1	0.7	3.3	04/17/09	04/23/09	anthropogenic, determination of source pending ongoing investigation
58-02	5802-DW-02-EDWARDS	127-18-4	192	Tetrachloroethene	**5.0**	ug/L		EPA 8260	0.46	1	0.7	3.3	06/15/09	06/18/09	anthropogenic, determination of source pending ongoing investigation

Notes:

1. "CAS Number" is a unique number assigned by the Chemical Abstracts Service (CAS) to an identified parameter.
2. "SWS ID" is the Solid Waste Section Identification Number.
3. "Result" is analytical data reported by the laboratory in units of micrograms per liter (ug/L). "BQL" indicates that the analytical result was Below Quantitation Limits.
4. "Qualifier" is a laboratory data qualifier or flag. "U" is used to denote parameters not detected at concentrations above the Method Detection Limit (MDL). "J" is used to denote parameters detected at estimated concentrations above the Method Detection Limit (MDL) but below the Solid Waste Section Limit (SWSL). Italicized J-flags ("*J*") denote values that are above the MDL, but are below both the laboratory's adjusted reporting limit (PQL) and the SWSL.
5. "Method" is the analytical method used to analyze the constituents.
6. Method Detection Limit ("MDL") is the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.
7. "SWSL" is the Solid Waste Section Limit. This limit is the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.
8. "Dilution Factor" is reported as single number and indicates whether or not dilution of the sample was performed prior to analysis. A value of 1 indicates that the sample was not diluted prior to analysis.
9. "Collect Date" is the date on which the sample was collected in the field.
10. "Extraction Date" is the date on which the sample was prepared/extracted for analysis. If special preparation or extraction was not performed prior to analysis, the data table cell is blank.
11. "Analysis Date" is the date on which the sample was analyzed by the lab.
12. **Bold** numbers indicate a result equal to or in exceedance of the 2L Standard, 2B Standard, or Groundwater Protection Standard (GWPS). If no 2L Standard exists, then values are compared to the GWPS.
13. 2B Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2B - Surface Water and Wetland Standards," DENR and EPA standards summary table (last amended on August 2007).
14. 2L Standards are listed in "North Carolina Administrative Code, Title 15A: Department of Environment and Natural Resources, Subchapter 2L - Groundwater Classifications and Standards," DENR, (last amended on December 7, 2006).
15. Groundwater Protection Standard is pursuant to "15A NCAC 13B .1634," DENR. Current standards were obtained from http://www.wastenotnc.org/sw/swenvmonitoringlist.asp (last amended on October 23, 2007).
16. "NE" means Not Established.
17. Blank cells indicate that there is no information relevant to the respective row.
18. Domestic wells 5802-DW-01-EDWARDS and 5802-DW-02-EDWARDS were initially sampled on April 17, 2009. In response to the detection of tetrachloroethene in the sample collected from domestic well 5802-DW-EDWARDS, Altamont took a second sample from each of the domestic wells on June 15, 2009. The samples and a trip blank was submitted to the laboratory for analysis of Appendix I VOCs by EPA Method 8260.

APPENDICES

APPENDIX A

SAMPLING LOGS
AND
EQUIPMENT CALIBRATION SHEET(S)

ALTAMONT ENVIRONMENTAL, INC.
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www.altamontenvironmental.com

Well Sampling Log

FACILITY NAME: Madison Co. - Closed Landfill (2313.1201) DATE: 4-15-09
LOCATION: Marshall, NC SAMPLING TIME: 10:16
SAMPLING PERSONNEL: K.Massie / B.Shemai WEATHER: cool, overcast

WELL NUMBER: MW-01-OLD
WELL DIAMETER: 2"
TYPE OF CASING: PVC
MEASURING POINT: TOC
FLUSH MOUNT / STICK-UP
COMMENTS:

WELL DEPTH IN FEET (WD): 20.65 START TIME: 10:01
WATER LEVEL IN FEET (WL): 7.07
LENGTH OF WATER COLUMN: 13.58 FEET
(WD) - (WL) = (LWC)
ONE CASING VOLUME: 2.31 GALLONS
(LWC) x (WCV)
THREE CASING VOLUMES: 6.93 GALLONS
ACTUAL VOLUME PURGED: 7.0 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (mS/cm^c)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	initial	6.02	0.137	10.21	8.09	193.3	37.10	
2	2.50	5.99	0.146	9.82	5.55	196.5	73.90	
3	5.0	5.95	0.158	9.71	5.58	201.3	132.3	
4	7.0	5.89	0.172	9.82	3.94	189.9	172.1	
5								
6								
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC	1	RCRA metals
40 ml GLASS	3	Appendix I VOCs
1 L GLASS		
OTHER		

PROTECTIVE CASING: OK PAD: OK LOCK: OK VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: [signature] **Date:** 4/15/09

Notes: mS/cm^c = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Well Sampling Log

FACILITY NAME: Madison Co. - Closed Landfill (2313.1201) DATE: 04-15-09
LOCATION: Marshall, NC SAMPLING TIME: 13:59
SAMPLING PERSONNEL: KMassie/B.Sheinai WEATHER: cool, overcast

WELL NUMBER: MW-02-OLD
WELL DIAMETER: 2"
TYPE OF CASING: PVC
MEASURING POINT: TOC
FLUSH MOUNT / STICK-UP
COMMENTS: purged dry @ 11.50 gal. returned later in day to collect sample

WELL DEPTH IN FEET (WD): 43.40 START TIME:
WATER LEVEL IN FEET (WL): 7.39
LENGTH OF WATER COLUMN: 36.01 FEET
(WD) - (WL) = (LWC)
ONE CASING VOLUME: 6.12 GALLONS
(LWC) x (WCV)
THREE CASING VOLUMES: 18.36 GALLONS
ACTUAL VOLUME PURGED: 11.5 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (mS/cm°)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	initial	6.68	0.217	11.46	8.90	204.4	0.93	
2	6.50	6.54	0.214	12.51	7.65	173.9	4.38	
3								
4								
5								
6								
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC	1	RCRA metals
40 ml GLASS	3	Appendix I VOCs (low level)
1 L GLASS		
OTHER		

PROTECTIVE CASING: OK PAD: OK LOCK: OK VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: Katie R Massie **Date:** ~~04-14~~ 04-15-09

Notes: mS/cm° = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Surface Water Sampling Log

FACILITY NAME: Madison Co.-Closed LF
DATE: 04-15-09
LOCATION: Marshall, NC
SAMPLING TIME: 11:05
SAMPLING PERSONNEL:
WEATHER: cool, overcast

SAMPLE NAME: SW-01-OLD

START TIME: 10:58
END TIME: 11:06

COMMENTS: upstream sample

SAMPLE METHOD: GRAB SYRINGE PUMP BAILER-DISP. OTHER:

READING	pH UNITS	SPECIFIC COND. (mS/cm°)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	6.22	.216	9.16	12.16	214.8	4.15	
2							
3							
4							
5							
6							
7							
8							
9							

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
125 ml PLASTIC		
250 ml PLASTIC	1	RCRA metals
500 ml PLASTIC		
40 ml GLASS	3	Appendix I VOCs (8260) - low level
1 L GLASS		
OTHER		

VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: Katie Maggio **Date:** 04-15-09

Notes: mS/cm° = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Surface Water Sampling Log

FACILITY NAME: Madison Co - Closed LF
DATE: 04-15-09
LOCATION: SW-02-OLD
SAMPLING TIME: 10:45
SAMPLING PERSONNEL: K. Massie / B. Sherman
WEATHER: cool, overcast

SAMPLE NAME: SW-02-OLD

START TIME: 10:40
END TIME: 10:52

COMMENTS: downstream sample, collected across Long Branch Rd from DW-01-Edwards (upstream from Edwards' garden plot)

SAMPLE METHOD: GRAB SYRINGE PUMP BAILER-DISP. OTHER:

READING	pH UNITS	SPECIFIC COND. (mS/cm^c)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	6.92	0.148	9.43	11.52	~~0.148~~	18.78	
2					195.1		
3							
4							
5							
6							
7							
8							
9							

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
125 ml PLASTIC		
250 ml PLASTIC	1	RCRA metals
500 ml PLASTIC		
40 ml GLASS	3	(8260) Appendix I VOCs - low level
1 L GLASS		
OTHER		

VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: [signature] **Date:** 4/15/09

Notes: mS/cm^c = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Well Sampling Log

FACILITY NAME: Madison Co - Closed LF
DATE: 04-17-09
LOCATION: Marshall, NC
SAMPLING TIME: 10:33
SAMPLING PERSONNEL: K Massie / A Macbeth
WEATHER: Sunny, warm

WELL NUMBER: BG-SPRING-OLD
WELL DEPTH IN FEET (WD): ~~2.34~~ 14.90
START TIME:
WELL DIAMETER: 2"
WATER LEVEL IN FEET (WL): 2.34
TYPE OF CASING: PVC
LENGTH OF WATER COLUMN: 12.56 FEET
MEASURING POINT: TOC
(WD) - (WL) = (LWC)
FLUSH MOUNT / STICK-UP
ONE CASING VOLUME: 2.14 GALLONS
COMMENTS:
(LWC) x (WCV)
THREE CASING VOLUMES: 6.42 GALLONS
ACTUAL VOLUME PURGED: 6.5 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (µS)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	initial	6.03	0.132	10.61	5.18	191.3	17.87	
2	2.15 ~~0.25~~	5.85	0.134	10.04	3.97	197.3	17.80	
3	~~2~~4.50	5.65	0.139	9.98	2.57	181.6	13.95	
4	6.5 ~~0.00~~	5.62	0.143	9.86	2.42	181.2	15.61	
5								
6								
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC	1	RCRA metals
40 ml GLASS	3	App I VOCs by 8260 low level
1 L GLASS		
OTHER		

PROTECTIVE CASING: OK PAD: OK LOCK: OK VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: Katie Massie **Date:** 04-17-09

Notes: µS = micro-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Well Sampling Log

FACILITY NAME: Madison Co - Closed LF
DATE: 4/17/09
LOCATION: Edwards' residence
SAMPLING TIME: 9:31
SAMPLING PERSONNEL: K. MASSIE, A. MACBION
WEATHER: sunny, breezy, warm

WELL NUMBER: DW-01-EDWARDS
WELL DEPTH IN FEET (WD): —
START TIME: —
WELL DIAMETER: —
WATER LEVEL IN FEET (WL): —
TYPE OF CASING: —
LENGTH OF WATER COLUMN: — FEET
MEASURING POINT: —
(WD) - (WL) = (LWC)
FLUSH MOUNT / STICK-UP
ONE CASING VOLUME: — GALLONS
COMMENTS: sample collected from spigot in basement
(LWC) x (WCV) —
THREE CASING VOLUMES: — GALLONS
ACTUAL VOLUME PURGED: 30 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON (DEDICATED PUMP) WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. ~~(µS)~~ mS/cm²	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	initial	5.99	0.163	13.79	5.87	179.8	16.71	
2	10	5.97	0.16	15.10	4.50	178.0	7.05	
3	20	5.93	0.161	15.22	4.42	176.4	3.30	
4	30	5.88	0.166	15.26	4.47	180.0	3.63	
5								
6								
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC	1	MCAMS - RCRA
40 ml GLASS	3	VOCs - Appendix I by 8260
1 L GLASS		
OTHER		

PROTECTIVE CASING: — PAD: — LOCK: — VEGETATION: — ACCESS: OK

Sampling Personnel Signature: Katie Massie **Date:** 04/17/09

Notes: µS = micro-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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TEL. 828.281.3350 FAC .828.281.3351
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Well Sampling Log

FACILITY NAME: MADISON CO. LF - CLOSED
DATE: 4/17/09
LOCATION: EDWARDS
SAMPLING TIME: 1000
SAMPLING PERSONNEL: K. MASSIE, A. MACBISH
WEATHER: sunny, breezy, warm

WELL NUMBER: OW-2-EDWARDS
WELL DEPTH IN FEET (WD): —
START TIME:
WELL DIAMETER: —
WATER LEVEL IN FEET (WL): —
TYPE OF CASING: —
LENGTH OF WATER COLUMN: — FEET
MEASURING POINT: —
(WD) - (WL) = (LWC)
FLUSH MOUNT / STICK-UP
ONE CASING VOLUME: — GALLONS
COMMENTS: sample taken from spigot @ well head in front of house
(LWC) x (WCV)
THREE CASING VOLUMES: — GALLONS
ACTUAL VOLUME PURGED: 30 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (~~µS~~) mS/cm	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	INITIAL	6.38	0.140	12.10	3.20	193.5	3.31	
2	10	6.24	0.181	13.28	3.82	210.6	6.05	
3	20	6.25	0.178	14.01	4.23	216.5	8.68	
4	30	6.18	0.178	13.86	3.62	~~[illegible]~~	7.96	
5						206.1		
6								
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC	1	MMS - RCRA
40 ml GLASS	3	VOCS - Appendix I by 8260
1 L GLASS		
OTHER		

PROTECTIVE CASING: — PAD: — LOCK: — VEGETATION: OK ACCESS: OK

Sampling Personnel Signature: Katie Massie **Date:** 04/17/09

Notes: µS = micro-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

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Well Sampling Log

FACILITY NAME: Madison Co. - Closed Landfill (2313.1201) DATE: 6/15/09
LOCATION: Marshall, NC SAMPLING TIME: 1115
SAMPLING PERSONNEL: WEATHER:

WELL NUMBER: EDWARDS.1 WELL DEPTH IN FEET (WD): — START TIME: 1108
WELL DIAMETER: — WATER LEVEL IN FEET (WL): —
TYPE OF CASING: — LENGTH OF WATER COLUMN: — FEET
MEASURING POINT: — (WD) - (WL) = (LWC)
FLUSH MOUNT / STICK-UP ONE CASING VOLUME: — GALLONS
COMMENTS: PURGED / SAMPLED WATER FROM SPIGOT IN BASEMENT AWAY FROM WELLHEAD (LWC) x (WCV)
THREE CASING VOLUMES: — GALLONS
ACTUAL VOLUME PURGED: — GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (mS/cm°)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	5	5.70	212	18°	NMT	NMT	21.1	
2	10	5.01	211	16.4			3.75	
3	15	5.02	210	16.1			4.02	
4	20	5.03	212	15.9			3.66	
5	25	5.03	212	15.9			NMT	
6	30	5.03	212	15.9			NMT	
7								
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC		
40 ml GLASS	3	8260
L GLASS		
OTHER		

PROTECTIVE CASING: PAD: LOCK: VEGETATION: ACCESS:

Sampling Personnel Signature: A. Machado Date: 6/15/09

Notes: mS/cm° = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

NMT : NO MEASUREMENT TAKEN.

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Well Sampling Log

FACILITY NAME: Madison Co. - Closed Landfill (2313.1201) DATE: 6/15/09
LOCATION: Marshall, NC SAMPLING TIME: 1140
SAMPLING PERSONNEL: A. MALBON WEATHER: CLEAR, WARM, STILL

WELL NUMBER: MADS-2 WELL DEPTH IN FEET (WD): — START TIME: 1125
WELL DIAMETER: 6 INCHES WATER LEVEL IN FEET (WL): —
TYPE OF CASING: C. STEEL LENGTH OF WATER COLUMN: — FEET
MEASURING POINT: N/A (WD) - (WL) = (LWC)
FLUSH MOUNT / STICK-UP ONE CASING VOLUME: — GALLONS
COMMENTS: PURGED / SAMPLED WATER FROM SPIGOT AT WELLHEAD, VIA 3 FT GARDEN HOSE. (LWC) x (WCV)
THREE CASING VOLUMES: — GALLONS
ACTUAL VOLUME PURGED: 30 GALLONS

WELL CASING VOLUMES (WCV)
2" = 0.17 Gal/Ft 3" = 0.38 Gal/Ft 4" = 0.66 Gal/Ft 6" = 1.5 Gal/Ft 8" = 2.6 Gal/Ft 12" = 5.8 Gal/Ft

PURGE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:
SAMPLE METHOD: BAILER-DISP. BAILER-TEFLON DEDICATED PUMP WHALE PUMP GRUNDFOS OTHER:

READING	GALLONS PURGED	pH UNITS	SPECIFIC COND. (mS/cm°)	TEMP (C°)	DISSOLVED OXYGEN (mg/L)	OXIDATION REDUCTION POTENTIAL (mV)	TURBIDITY (NTU)	COMMENTS
1	0	5.95	199	22.5	NMT	NMT	1.54	
2	5	6.06	188	16.6			1.73	
3	10	6.04	187	15.2			5.96	
4	15	6.04	191	15.3		48	4.43	
5	20	6.02	199	15.8		49	4.11	
6	25	6.03	199	15.3		60	4.40	
7	30	6.04	195	15.8		64	4.40	
8								
9								

SAMPLING CONTAINER	NUMBER OF CONTAINERS	REQUESTED ANALYSIS
250 ml PLASTIC		
40 ml GLASS	3	8260
1 L GLASS		
OTHER		

PROTECTIVE CASING: PAD: LOCK: VEGETATION: X ACCESS: X

Sampling Personnel Signature: A. Malbon **Date:** 6/15/09

Notes: mS/cm° = milli-Siemen
C° = degrees Celsius
mg/L = milligrams per liter
mV = millivolt
NTU = nephelometric turbidity units

NMT = NO MEASUREMENT TAKEN.

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Equipment Documentation & Instrument Calibration Data Sheet

Project Name: Madison Co. LFs —
Project Number: 2313.1202 + 2313.1202
Project Location: Marshall, NC

Equipment Documentation

Equipment or meters used to take measurements (e.g. water level meters, survey equipment, etc.):

Equipment Type	Manufacturer	Serial Number	Date of Use
150-ft Water Level	Heron	7186	
150-ft Water Level	Solinst	26154	
150-ft Water Level	Solinst	22754	
150-ft Water Level	Testwell	150	

Calibration Documentation

Person Conducting Calibration: Katie Massie
Date of Calibration: 04-15-09
Date of Field Measurements: 04-15-09

Micro TPW Turbidity Meter

Calibration Time	Calib Standard Exp	Instrument Serial #	Instrument Reading		
			1000 NTU	10.0 NTU	0.02 NTU
7:00	Apr 2010	200601045	Initial: 899.4 Cal: 1030	Initial: 8.25 Cal: 9.44	Initial: 0.00 Cal: 0.01

YSI 556 Multiparameter Meter

Calibration Time	Calib Standard Expiration Date	Instrument Serial Number	Instrument Readings						
			pH 7	pH 4	pH 10	QC pH 7	Spec. Cond. 447/84/23 mS µS	QC 447 ~~84~~ µS	ORP 200 mV
		07D100979	Initial: Cal:	Initial: Cal:	Initial: Cal:	Meas:	Initial: ~~0.447~~ Cal: ~~0.~~	Meas:	Initial: Cal:
6:59	Jan '10	Geotech rental 2224	Initial: 6.82 Cal: 7.00	Initial: 4.03 Cal: 4.00	Initial: 9.92 Cal: 9.98	Meas: 6.99	Initial: 0.447 Cal: 0.447	Meas: 450	Initial: 203.1 Cal: 200.0

Comments: None

Signature and Date: Katie Massie

Note: Electronic equipment calibrated according to the manufacturer's operation manual. Specific Conductivity should be calibrated according to values representative of historic range
Order of Calibration is as follows : Specific Conductivity, pH 7, pH 4, pH 10, ORP, QC checks.

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Equipment Documentation & Instrument Calibration Data Sheet

Project Name: Madison County Landfills
Project Number: ~~2312.0-2313.136~~ - Closed LF 2313.1201
Project Location: Marshall, NC

Equipment Documentation

Equipment or meters used to take measurements (e.g. water level meters, survey equipment, etc.):

Equipment Type	Manufacturer	Serial Number	Date of Use
150-ft Water Level	Heron	7186	
150-ft Water Level	Solinst	26154	
150-ft Water Level	Solinst	22754	
150-ft Water Level	Testwell	150	

Calibration Documentation

Person Conducting Calibration: Katie Massie
Date of Calibration: 04-17-09
Date of Field Measurements: 04-17-09

Micro TPW Turbidity Meter

Calibration Time	Calib Standard Exp	Instrument Serial #	Instrument Reading		
			1000 NTU	10.0 NTU	0.02 NTU
740	April 2010	200601045	Initial: 1100+ Cal: 1005	Initial: 11.24 Cal: 9.48	Initial: 0.00 Cal: 0.00

YSI 556 Multiparameter Meter

Calibration Time	Calib Standard Expiration Date	Instrument Serial Number	Instrument Readings						
			pH 7	pH 4	pH 10	QC pH 7	Spec. Cond. 447/84/23 µS mS	QC mS 447 ~~84 µS~~	ORP 200 mV
		07D100979	Initial: Cal:	Initial: Cal:	Initial: Cal:	Meas:	Initial: ~~.455~~ Cal: ~~.447~~	Meas:	Initial: Cal:
738	Oct 09	Geotech rental 2229 07G101748	Initial: 7.00 Cal: 6.98	Initial: 3.98 Cal: 4.00	Initial: 10.00 Cal: 10.00	Meas: 7.05	Initial: .455 Cal: .477	Meas: 0.447	Initial: 196.5 Cal: 200.0

Comments:

Signature and Date: Katie Massie 04/17/09

Note: Electronic equipment calibrated according to the manufacturer's operation manual. Specific Conductivity should be calibrated according to values representative of historic range
Order of Calibration is as follows : Specific Conductivity, pH 7, pH 4, pH 10, ORP, QC checks.

APPENDIX B

LABORATORY ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY DOCUMENTATION

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 16, 2009

Mr. Joel Lenk
Altamont Environmental
50 College Street
Asheville, NC 28801

RE: Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Dear Mr. Lenk:
Enclosed are the analytical results for sample(s) received by the laboratory between April 15, 2009 and April 17, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

Asheville Certification IDs

West Virginia Certification #: 356
Virginia Certification #: 00072
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095

Eden Certification IDs

North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424
North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9242183001	MW-01-OLD	Water	04/15/09 10:16	04/15/09 14:58
9242183002	SW-02-OLD	Water	04/15/09 10:45	04/15/09 14:58
9242183003	SW-01-OLD	Water	04/15/09 11:05	04/15/09 14:58
9242183004	MW-02-OLD	Water	04/15/09 13:59	04/15/09 14:58
9242183005	TRIP BLANK	Water	04/15/09 00:00	04/15/09 14:58
9242183006	BG-SPRING-OLD	Water	04/17/09 10:33	04/17/09 13:50

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SAMPLE ANALYTE COUNT

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9242183001	MW-01-OLD	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C
9242183002	SW-02-OLD	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C
9242183003	SW-01-OLD	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C
9242183004	MW-02-OLD	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C
9242183005	TRIP BLANK	EPA 8260	MCK	52	PASI-C
9242183006	BG-SPRING-OLD	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: MW-01-OLD **Lab ID: 9242183001** Collected: 04/15/09 10:16 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/21/09 19:51	04/23/09 02:11	7440-38-2	
Barium	**128**	ug/L	5.0	0.20	1	04/21/09 19:51	04/23/09 02:11	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/21/09 19:51	04/23/09 02:11	7440-43-9	
Chromium	**3.4J**	ug/L	5.0	0.40	1	04/21/09 19:51	04/23/09 02:11	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/21/09 19:51	04/23/09 02:11	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/21/09 19:51	04/23/09 02:11	7782-49-2	
Silver	**0.19J**	ug/L	5.0	0.10	1	04/21/09 19:51	04/23/09 02:11	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/17/09 17:35	04/21/09 18:18	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/17/09 13:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/17/09 13:29	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 13:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/17/09 13:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 13:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/17/09 13:29	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/17/09 13:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/17/09 13:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/17/09 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 13:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/17/09 13:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/17/09 13:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/17/09 13:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 13:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/17/09 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/17/09 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 13:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/17/09 13:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/17/09 13:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 13:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/17/09 13:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/17/09 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/17/09 13:29	75-35-4	
cis-1,2-Dichloroethene	**0.21J**	ug/L	1.0	0.19	1		04/17/09 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/17/09 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 13:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 13:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/17/09 13:29	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/17/09 13:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/17/09 13:29	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: MW-01-OLD **Lab ID: 9242183001** Collected: 04/15/09 10:16 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 13:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/17/09 13:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/17/09 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 13:29	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 13:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 13:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 13:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 13:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/17/09 13:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/17/09 13:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 13:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/17/09 13:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 13:29	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 13:29	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		04/17/09 13:29	460-00-4	
Dibromofluoromethane (S)	96	%	85-115		1		04/17/09 13:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	79-120		1		04/17/09 13:29	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/17/09 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: SW-02-OLD **Lab ID: 9242183002** Collected: 04/15/09 10:45 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/21/09 19:51	04/23/09 02:25	7440-38-2	
Barium	**48.9**	ug/L	5.0	0.20	1	04/21/09 19:51	04/23/09 02:25	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/21/09 19:51	04/23/09 02:25	7440-43-9	
Chromium	**0.68J**	ug/L	5.0	0.40	1	04/21/09 19:51	04/23/09 02:25	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/21/09 19:51	04/23/09 02:25	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/21/09 19:51	04/23/09 02:25	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/21/09 19:51	04/23/09 02:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/17/09 17:35	04/21/09 18:26	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/17/09 13:52	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/17/09 13:52	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 13:52	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/17/09 13:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 13:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/17/09 13:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/17/09 13:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/17/09 13:52	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/17/09 13:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 13:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/17/09 13:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/17/09 13:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/17/09 13:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 13:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/17/09 13:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/17/09 13:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 13:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/17/09 13:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/17/09 13:52	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 13:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/17/09 13:52	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/17/09 13:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 13:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/17/09 13:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/17/09 13:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/17/09 13:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 13:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 13:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 13:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 13:52	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/17/09 13:52	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/17/09 13:52	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 13:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/17/09 13:52	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: SW-02-OLD **Lab ID: 9242183002** Collected: 04/15/09 10:45 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 13:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/17/09 13:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/17/09 13:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 13:52	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 13:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 13:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 13:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 13:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 13:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/17/09 13:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/17/09 13:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 13:52	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/17/09 13:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 13:52	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 13:52	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		04/17/09 13:52	460-00-4	
Dibromofluoromethane (S)	95	%	85-115		1		04/17/09 13:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	79-120		1		04/17/09 13:52	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/17/09 13:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: SW-01-OLD **Lab ID: 9242183003** Collected: 04/15/09 11:05 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/21/09 19:51	04/23/09 02:29	7440-38-2	
Barium	**56.6**	ug/L	5.0	0.20	1	04/21/09 19:51	04/23/09 02:29	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/21/09 19:51	04/23/09 02:29	7440-43-9	
Chromium	ND	ug/L	5.0	0.40	1	04/21/09 19:51	04/23/09 02:29	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/21/09 19:51	04/23/09 02:29	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/21/09 19:51	04/23/09 02:29	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/21/09 19:51	04/23/09 02:29	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/17/09 17:35	04/21/09 18:28	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/17/09 14:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/17/09 14:16	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 14:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/17/09 14:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 14:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/17/09 14:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/17/09 14:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/17/09 14:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/17/09 14:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 14:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/17/09 14:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/17/09 14:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/17/09 14:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 14:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/17/09 14:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/17/09 14:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 14:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/17/09 14:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/17/09 14:16	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 14:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/17/09 14:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/17/09 14:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 14:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/17/09 14:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/17/09 14:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/17/09 14:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 14:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 14:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 14:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 14:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/17/09 14:16	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/17/09 14:16	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 14:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/17/09 14:16	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: SW-01-OLD **Lab ID: 9242183003** Collected: 04/15/09 11:05 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 14:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/17/09 14:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/17/09 14:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 14:16	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 14:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 14:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 14:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 14:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 14:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/17/09 14:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/17/09 14:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 14:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/17/09 14:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 14:16	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 14:16	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		04/17/09 14:16	460-00-4	
Dibromofluoromethane (S)	96	%	85-115		1		04/17/09 14:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	79-120		1		04/17/09 14:16	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/17/09 14:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: MW-02-OLD **Lab ID: 9242183004** Collected: 04/15/09 13:59 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/21/09 19:51	04/23/09 02:32	7440-38-2	
Barium	**39.2**	ug/L	5.0	0.20	1	04/21/09 19:51	04/23/09 02:32	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/21/09 19:51	04/23/09 02:32	7440-43-9	
Chromium	ND	ug/L	5.0	0.40	1	04/21/09 19:51	04/23/09 02:32	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/21/09 19:51	04/23/09 02:32	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/21/09 19:51	04/23/09 02:32	7782-49-2	
Silver	**0.14J**	ug/L	5.0	0.10	1	04/21/09 19:51	04/23/09 02:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/17/09 17:35	04/21/09 13:58	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/17/09 14:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/17/09 14:39	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 14:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/17/09 14:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 14:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/17/09 14:39	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/17/09 14:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/17/09 14:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/17/09 14:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 14:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/17/09 14:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/17/09 14:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/17/09 14:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 14:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/17/09 14:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/17/09 14:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 14:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/17/09 14:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/17/09 14:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 14:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/17/09 14:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/17/09 14:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 14:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/17/09 14:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/17/09 14:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/17/09 14:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 14:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 14:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 14:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 14:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/17/09 14:39	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/17/09 14:39	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 14:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/17/09 14:39	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: MW-02-OLD **Lab ID: 9242183004** Collected: 04/15/09 13:59 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 14:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/17/09 14:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/17/09 14:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 14:39	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 14:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 14:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 14:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 14:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 14:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/17/09 14:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/17/09 14:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 14:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/17/09 14:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 14:39	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 14:39	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		04/17/09 14:39	460-00-4	
Dibromofluoromethane (S)	94	%	85-115		1		04/17/09 14:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	79-120		1		04/17/09 14:39	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		04/17/09 14:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: TRIP BLANK **Lab ID: 9242183005** Collected: 04/15/09 00:00 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/22/09 15:09	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/22/09 15:09	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/22/09 15:09	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/22/09 15:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/22/09 15:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/22/09 15:09	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/22/09 15:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/22/09 15:09	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/22/09 15:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/22/09 15:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/22/09 15:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/22/09 15:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/22/09 15:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/22/09 15:09	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/22/09 15:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/22/09 15:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/22/09 15:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/22/09 15:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/22/09 15:09	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/22/09 15:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/22/09 15:09	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/22/09 15:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/22/09 15:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/22/09 15:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/22/09 15:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/22/09 15:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/22/09 15:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/22/09 15:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/22/09 15:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/22/09 15:09	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/22/09 15:09	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/22/09 15:09	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/22/09 15:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/22/09 15:09	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		04/22/09 15:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/22/09 15:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/22/09 15:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/22/09 15:09	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/22/09 15:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/22/09 15:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/22/09 15:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/22/09 15:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/22/09 15:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/22/09 15:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/22/09 15:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/22/09 15:09	75-01-4	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: TRIP BLANK **Lab ID: 9242183005** Collected: 04/15/09 00:00 Received: 04/15/09 14:58 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/22/09 15:09	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/22/09 15:09	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		04/22/09 15:09	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		04/22/09 15:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		04/22/09 15:09	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/22/09 15:09	2037-26-5	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: BG-SPRING-OLD **Lab ID: 9242183006** Collected: 04/17/09 10:33 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/24/09 14:36	04/29/09 23:46	7440-38-2	
Barium	**89.6**	ug/L	5.0	0.20	1	04/24/09 14:36	04/29/09 23:46	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/24/09 14:36	04/29/09 23:46	7440-43-9	
Chromium	**2.1J**	ug/L	5.0	0.40	1	04/24/09 14:36	04/29/09 23:46	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/24/09 14:36	04/29/09 23:46	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/24/09 14:36	04/29/09 23:46	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/24/09 14:36	04/29/09 23:46	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/23/09 11:30	04/23/09 16:18	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/23/09 14:48	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/23/09 14:48	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/23/09 14:48	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/23/09 14:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/23/09 14:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/23/09 14:48	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/23/09 14:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/23/09 14:48	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/23/09 14:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/23/09 14:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/23/09 14:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/23/09 14:48	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/23/09 14:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/23/09 14:48	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/23/09 14:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/23/09 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/23/09 14:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/23/09 14:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/23/09 14:48	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/23/09 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/23/09 14:48	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/23/09 14:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/23/09 14:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/23/09 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/23/09 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/23/09 14:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/23/09 14:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/23/09 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/23/09 14:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/23/09 14:48	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/23/09 14:48	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/23/09 14:48	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/23/09 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/23/09 14:48	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

Sample: BG-SPRING-OLD **Lab ID: 9242183006** Collected: 04/17/09 10:33 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/23/09 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/23/09 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/23/09 14:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/23/09 14:48	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/23/09 14:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/23/09 14:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/23/09 14:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/23/09 14:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/23/09 14:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/23/09 14:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/23/09 14:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/23/09 14:48	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/23/09 14:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/23/09 14:48	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/23/09 14:48	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		04/23/09 14:48	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		04/23/09 14:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		04/23/09 14:48	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/23/09 14:48	2037-26-5	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MPRP/4195
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 9242183006

METHOD BLANK: 268166
Matrix: Water
Associated Lab Samples: 9242183006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	04/29/09 23:06	
Barium	ug/L	1.4J	5.0	04/29/09 23:06	
Cadmium	ug/L	ND	1.0	04/29/09 23:06	
Chromium	ug/L	ND	5.0	04/29/09 23:06	
Lead	ug/L	ND	5.0	04/29/09 23:06	
Selenium	ug/L	ND	10.0	04/29/09 23:06	
Silver	ug/L	ND	5.0	04/29/09 23:06	

LABORATORY CONTROL SAMPLE: 268167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	441	88	80-120	
Barium	ug/L	500	448	90	80-120	
Cadmium	ug/L	500	445	89	80-120	
Chromium	ug/L	500	450	90	80-120	
Lead	ug/L	500	445	89	80-120	
Selenium	ug/L	500	433	87	80-120	
Silver	ug/L	250	232	93	80-120	

MATRIX SPIKE SAMPLE: 268168

Parameter	Units	9242353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	446	89	75-125	
Barium	ug/L	20.4	500	460	88	75-125	
Cadmium	ug/L	ND	500	435	87	75-125	
Chromium	ug/L	0.90J	500	438	87	75-125	
Lead	ug/L	ND	500	433	87	75-125	
Selenium	ug/L	ND	500	433	87	75-125	
Silver	ug/L	ND	250	229	92	75-125	

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	6.9	6.8	1	20	
Cadmium	ug/L	ND	ND		20	
Chromium	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	ug/L	ND	ND		20	
Silver	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MPRP/4171 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

METHOD BLANK: 266420 Matrix: Water
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	04/23/09 00:55	
Barium	ug/L	ND	5.0	04/23/09 00:55	
Cadmium	ug/L	ND	1.0	04/23/09 00:55	
Chromium	ug/L	ND	5.0	04/23/09 00:55	
Lead	ug/L	ND	5.0	04/23/09 00:55	
Selenium	ug/L	ND	10.0	04/23/09 00:55	
Silver	ug/L	ND	5.0	04/23/09 00:55	

LABORATORY CONTROL SAMPLE: 266421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	409	82	80-120	
Barium	ug/L	500	424	85	80-120	
Cadmium	ug/L	500	418	84	80-120	
Chromium	ug/L	500	430	86	80-120	
Lead	ug/L	500	418	84	80-120	
Selenium	ug/L	500	450	90	80-120	
Silver	ug/L	250	210	84	80-120	

MATRIX SPIKE SAMPLE: 266422

Parameter	Units	9242409017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	5.9	500	415	82	75-125	
Barium	ug/L	39.5	500	438	80	75-125	
Cadmium	ug/L	ND	500	403	81	75-125	
Chromium	ug/L	7.6	500	422	83	75-125	
Lead	ug/L	ND	500	396	79	75-125	
Selenium	ug/L	ND	500	396	79	75-125	
Silver	ug/L	0.23J	250	205	82	75-125	

SAMPLE DUPLICATE: 266423

Parameter	Units	9242409018 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	19.5	20.5	5	20	
Cadmium	ug/L	ND	ND		20	
Chromium	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

SAMPLE DUPLICATE: 266423

Parameter	Units	9242409018 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	ug/L	4.6J	ND		20	
Silver	ug/L	0.17J	0.12J		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MSV/6707 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

METHOD BLANK: 264492 Matrix: Water
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,1-Dichloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,1-Dichloroethene	ug/L	ND	1.0	04/17/09 05:15	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/17/09 05:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	04/17/09 05:15	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/17/09 05:15	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/17/09 05:15	
1,2-Dichloroethane	ug/L	ND	1.0	04/17/09 05:15	
1,2-Dichloropropane	ug/L	ND	1.0	04/17/09 05:15	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/17/09 05:15	
2-Butanone (MEK)	ug/L	ND	5.0	04/17/09 05:15	
2-Hexanone	ug/L	ND	5.0	04/17/09 05:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/17/09 05:15	
Acetone	ug/L	ND	25.0	04/17/09 05:15	
Acrylonitrile	ug/L	ND	10.0	04/17/09 05:15	
Benzene	ug/L	ND	1.0	04/17/09 05:15	
Bromochloromethane	ug/L	ND	1.0	04/17/09 05:15	
Bromodichloromethane	ug/L	ND	1.0	04/17/09 05:15	
Bromoform	ug/L	ND	1.0	04/17/09 05:15	
Bromomethane	ug/L	ND	5.0	04/17/09 05:15	
Carbon disulfide	ug/L	ND	2.0	04/17/09 05:15	
Carbon tetrachloride	ug/L	ND	1.0	04/17/09 05:15	
Chlorobenzene	ug/L	ND	1.0	04/17/09 05:15	
Chloroethane	ug/L	ND	1.0	04/17/09 05:15	
Chloroform	ug/L	0.20J	1.0	04/17/09 05:15	
Chloromethane	ug/L	ND	1.0	04/17/09 05:15	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/17/09 05:15	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 05:15	
Dibromochloromethane	ug/L	ND	1.0	04/17/09 05:15	
Dibromomethane	ug/L	ND	1.0	04/17/09 05:15	
Ethylbenzene	ug/L	ND	1.0	04/17/09 05:15	
Iodomethane	ug/L	ND	5.0	04/17/09 05:15	
m&p-Xylene	ug/L	ND	2.0	04/17/09 05:15	
Methylene Chloride	ug/L	4.3	2.0	04/17/09 05:15	B-
o-Xylene	ug/L	ND	1.0	04/17/09 05:15	
Styrene	ug/L	ND	1.0	04/17/09 05:15	
Tetrachloroethene	ug/L	ND	1.0	04/17/09 05:15	
Toluene	ug/L	ND	1.0	04/17/09 05:15	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/17/09 05:15	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 05:15	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

METHOD BLANK: 264492 Matrix: Water

Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/17/09 05:15	
Trichloroethene	ug/L	ND	1.0	04/17/09 05:15	
Trichlorofluoromethane	ug/L	ND	1.0	04/17/09 05:15	
Vinyl acetate	ug/L	ND	2.0	04/17/09 05:15	
Vinyl chloride	ug/L	ND	1.0	04/17/09 05:15	
Xylene (Total)	ug/L	ND	2.0	04/17/09 05:15	
1,2-Dichloroethane-d4 (S)	%	95	79-120	04/17/09 05:15	
4-Bromofluorobenzene (S)	%	100	87-109	04/17/09 05:15	
Dibromofluoromethane (S)	%	95	85-115	04/17/09 05:15	
Toluene-d8 (S)	%	98	70-120	04/17/09 05:15	

LABORATORY CONTROL SAMPLE: 264493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.7	97	83-125	
1,1,1-Trichloroethane	ug/L	50	47.7	95	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	73-127	
1,1,2-Trichloroethane	ug/L	50	48.1	96	77-123	
1,1-Dichloroethane	ug/L	50	46.0	92	76-129	
1,1-Dichloroethene	ug/L	50	47.6	95	78-146	
1,2,3-Trichloropropane	ug/L	50	48.1	96	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	81-125	
1,2-Dichlorobenzene	ug/L	50	47.6	95	82-126	
1,2-Dichloroethane	ug/L	50	45.3	91	72-126	
1,2-Dichloropropane	ug/L	50	45.7	91	80-127	
1,4-Dichlorobenzene	ug/L	50	46.2	92	79-125	
2-Butanone (MEK)	ug/L	100	85.9	86	50-134	
2-Hexanone	ug/L	100	93.5	94	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.3	91	70-131	
Acetone	ug/L	100	83.7	84	50-146	
Acrylonitrile	ug/L	250	226	90	66-124	
Benzene	ug/L	50	47.2	94	78-128	
Bromochloromethane	ug/L	50	46.7	93	73-124	
Bromodichloromethane	ug/L	50	47.4	95	81-125	
Bromoform	ug/L	50	53.2	106	71-125	
Bromomethane	ug/L	50	37.0	74	50-150	
Carbon disulfide	ug/L	50	48.7	97	54-150	
Carbon tetrachloride	ug/L	50	51.7	103	81-137	
Chlorobenzene	ug/L	50	47.5	95	82-126	
Chloroethane	ug/L	50	36.0	72	69-140	
Chloroform	ug/L	50	44.9	90	77-129	
Chloromethane	ug/L	50	40.6	81	54-139	
cis-1,2-Dichloroethene	ug/L	50	45.1	90	76-133	
cis-1,3-Dichloropropene	ug/L	50	47.9	96	76-127	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

LABORATORY CONTROL SAMPLE: 264493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	50.3	101	77-125	
Dibromomethane	ug/L	50	52.4	105	77-125	
Ethylbenzene	ug/L	50	47.2	94	80-127	
Iodomethane	ug/L	100	122	122	65-172	
m&p-Xylene	ug/L	100	95.3	95	82-127	
Methylene Chloride	ug/L	50	44.0	88	67-133	
o-Xylene	ug/L	50	46.8	94	83-124	
Styrene	ug/L	50	50.0	100	80-130	
Tetrachloroethene	ug/L	50	49.8	100	78-128	
Toluene	ug/L	50	46.7	93	76-126	
trans-1,2-Dichloroethene	ug/L	50	43.9	88	78-134	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	46.6	93	51-140	
Trichloroethene	ug/L	50	50.4	101	79-127	
Trichlorofluoromethane	ug/L	50	45.8	92	76-148	
Vinyl acetate	ug/L	100	91.3	91	50-150	
Vinyl chloride	ug/L	50	47.9	96	67-143	
Xylene (Total)	ug/L	150	142	95	83-125	
1,2-Dichloroethane-d4 (S)	%			95	79-120	
4-Bromofluorobenzene (S)	%			104	87-109	
Dibromofluoromethane (S)	%			98	85-115	
Toluene-d8 (S)	%			99	70-120	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MERP/2087
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 9242183006

METHOD BLANK: 266653
Matrix: Water
Associated Lab Samples: 9242183006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/23/09 15:18	

LABORATORY CONTROL SAMPLE: 266654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 266655 266656

Parameter	Units	9242464017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.5	2.6	101	102	75-125	1	25	

SAMPLE DUPLICATE: 266657

Parameter	Units	9242464018 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MERP/2078 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

METHOD BLANK: 264748 Matrix: Water
Associated Lab Samples: 9242183001, 9242183002, 9242183003, 9242183004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/21/09 13:36	

LABORATORY CONTROL SAMPLE: 264749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.8	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 264750 264751

Parameter	Units	9241996002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.8	2.9	108	113	75-125	4	25	

SAMPLE DUPLICATE: 264752

Parameter	Units	9242218001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

QC Batch: MSV/6768
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9242183006

METHOD BLANK: 267633
Matrix: Water
Associated Lab Samples: 9242183006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	04/23/09 13:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
2-Butanone (MEK)	ug/L	ND	5.0	04/23/09 13:37	
2-Hexanone	ug/L	ND	5.0	04/23/09 13:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/23/09 13:37	
Acetone	ug/L	ND	25.0	04/23/09 13:37	
Acrylonitrile	ug/L	ND	10.0	04/23/09 13:37	
Benzene	ug/L	ND	1.0	04/23/09 13:37	
Bromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromodichloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromoform	ug/L	ND	1.0	04/23/09 13:37	
Bromomethane	ug/L	ND	5.0	04/23/09 13:37	
Carbon disulfide	ug/L	ND	2.0	04/23/09 13:37	
Carbon tetrachloride	ug/L	ND	1.0	04/23/09 13:37	
Chlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
Chloroethane	ug/L	ND	1.0	04/23/09 13:37	
Chloroform	ug/L	0.16J	1.0	04/23/09 13:37	
Chloromethane	ug/L	ND	1.0	04/23/09 13:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	
Dibromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Dibromomethane	ug/L	ND	1.0	04/23/09 13:37	
Ethylbenzene	ug/L	ND	1.0	04/23/09 13:37	
Iodomethane	ug/L	ND	5.0	04/23/09 13:37	
m&p-Xylene	ug/L	ND	2.0	04/23/09 13:37	
Methylene Chloride	ug/L	ND	2.0	04/23/09 13:37	
o-Xylene	ug/L	ND	1.0	04/23/09 13:37	
Styrene	ug/L	ND	1.0	04/23/09 13:37	
Tetrachloroethene	ug/L	ND	1.0	04/23/09 13:37	
Toluene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

METHOD BLANK: 267633 Matrix: Water

Associated Lab Samples: 9242183006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/23/09 13:37	
Trichloroethene	ug/L	ND	1.0	04/23/09 13:37	
Trichlorofluoromethane	ug/L	ND	1.0	04/23/09 13:37	
Vinyl acetate	ug/L	ND	2.0	04/23/09 13:37	
Vinyl chloride	ug/L	ND	1.0	04/23/09 13:37	
Xylene (Total)	ug/L	ND	2.0	04/23/09 13:37	
1,2-Dichloroethane-d4 (S)	%	104	79-120	04/23/09 13:37	
4-Bromofluorobenzene (S)	%	98	87-109	04/23/09 13:37	
Dibromofluoromethane (S)	%	103	85-115	04/23/09 13:37	
Toluene-d8 (S)	%	99	70-120	04/23/09 13:37	

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	83-125	
1,1,1-Trichloroethane	ug/L	50	53.0	106	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	44.0	88	73-127	
1,1,2-Trichloroethane	ug/L	50	48.3	97	77-123	
1,1-Dichloroethane	ug/L	50	51.7	103	76-129	
1,1-Dichloroethene	ug/L	50	52.0	104	78-146	
1,2,3-Trichloropropane	ug/L	50	48.0	96	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	81-125	
1,2-Dichlorobenzene	ug/L	50	48.6	97	82-126	
1,2-Dichloroethane	ug/L	50	50.0	100	72-126	
1,2-Dichloropropane	ug/L	50	47.8	96	80-127	
1,4-Dichlorobenzene	ug/L	50	48.1	96	79-125	
2-Butanone (MEK)	ug/L	100	96.9	97	50-134	
2-Hexanone	ug/L	100	95.8	96	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.4	95	70-131	
Acetone	ug/L	100	91.4	91	50-146	
Acrylonitrile	ug/L	250	225	90	66-124	
Benzene	ug/L	50	49.2	98	78-128	
Bromochloromethane	ug/L	50	46.8	94	73-124	
Bromodichloromethane	ug/L	50	49.3	99	81-125	
Bromoform	ug/L	50	41.6	83	71-125	
Bromomethane	ug/L	50	56.2	112	50-150	
Carbon disulfide	ug/L	50	48.9	98	54-150	
Carbon tetrachloride	ug/L	50	54.0	108	81-137	
Chlorobenzene	ug/L	50	48.9	98	82-126	
Chloroethane	ug/L	50	52.0	104	69-140	
Chloroform	ug/L	50	49.6	99	77-129	
Chloromethane	ug/L	50	52.4	105	54-139	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	76-133	
cis-1,3-Dichloropropene	ug/L	50	53.0	106	76-127	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	49.3	99	77-125	
Dibromomethane	ug/L	50	46.4	93	77-125	
Ethylbenzene	ug/L	50	50.1	100	80-127	
Iodomethane	ug/L	100	104	104	65-172	
m&p-Xylene	ug/L	100	104	104	82-127	
Methylene Chloride	ug/L	50	50.1	100	67-133	
o-Xylene	ug/L	50	49.0	98	83-124	
Styrene	ug/L	50	52.3	105	80-130	
Tetrachloroethene	ug/L	50	51.1	102	78-128	
Toluene	ug/L	50	48.6	97	76-126	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	78-134	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	53.6	107	51-140	
Trichloroethene	ug/L	50	51.4	103	79-127	
Trichlorofluoromethane	ug/L	50	56.7	113	76-148	
Vinyl acetate	ug/L	100	104	104	50-150	
Vinyl chloride	ug/L	50	55.6	111	67-143	
Xylene (Total)	ug/L	150	153	102	83-125	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			99	70-120	

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QUALIFIERS

Project: Madison Co.-Closed LF 2313
Pace Project No.: 9242183

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

B-	Analyte detected in method blank but was not detected in the associated samples.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1305185

Section A Required Client Information:

Company: Altamont Environmental
Address: 50 College St
Asheville NC 28801
Email To: jlenk@altamontenvironmental.com
Phone: 828-281-3350 Fax: 828-281-3351
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Joel Lenk
Copy To:
Purchase Order No.:
Project Name: Madison Co - Closed LF
Project Number: 2313.

Section C Invoice Information:

Attention: Judith Robertson
Company Name: Altamont
Address: same
Pace Quote Reference:
Pace Project Manager: Lorri Patton
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Requested Analysis Filtered (Y/N)

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) RCRA metals	thallium	VOCs-Appx I by 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9242183
1	MW-01-OLD	wt	G			4/15/09	10:16	10	4			1	3					X	X	X		001
2	SW-02-OLD	wt	G			4/15/09	10:45	9	4			1	3					X	X	X		002
3	SW-01-OLD	wt	G			4/15/09	11:05	9	4			1	3					X	X	X		003
4	MW-02-OLD	wt	G			4/15/09	13:59	13	4			1	3					X	X	X		004
5	TRIP BLANK	wt							2				2							X		005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
- VOCs by 8260 low level	Katie Massie	4/15/09	14:58	[signature]	4/15/09	14:45	3.3	Y	N	Y
- include PQLs + qualifiers in report										

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Katie Massie
SIGNATURE of SAMPLER: Katie Massie
DATE Signed (MM/DD/YY): 04/15/09

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1001321

Section A Required Client Information:

Company: Altamont Environmental
Address: 50 College St
Asheville NC 28801
Email To: jlenk@altamontenvironmental.com
Phone: 828-281-3350 Fax: 828-281-3351
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Joel Lenk
Copy To:
Purchase Order No.:
Project Name: Madison G - Closed LF
Project Number: 2313.1201

Section C Invoice Information:

Attention: Judith Robertson
Company Name: Altamont
Address: Same
Pace Quote Reference:
Pace Project Manager: Lorn Patton
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☒NC ☐OH ☐SC ☐WI ☐OTHER

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis: Appendix I VOCs RCRA metals	Residual Chlorine (Y/N)	Paco Project Number / Lab I.D
1	BG-SPRING-OLD	WT	G			4/17/09	10:33	10	4			1	3					XX		92 42183-006
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Additional Comments:
- VOCs by 8260 low level
- include PQL, MDL, qualifiers on report

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
Katie Massie / Altamont	4/17/09	1350	Jon K W	4/17/09	1350	5.2	Y/N ✓	Y/N ✓	Y/N ✓
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

Temp in °C | Received on Ice | Custody Sealed Cooler | Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Katie Massie

SIGNATURE of SAMPLER: Katie Massie

DATE Signed (MM / DD / YY): 04/17/09

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

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April 30, 2009

Mr. Joel Lenk
Altamont Environmental
50 College Street
Asheville, NC 28801

RE: Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Dear Mr. Lenk:
Enclosed are the analytical results for sample(s) received by the laboratory on April 17, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

Asheville Certification IDs

West Virginia Certification #: 356
Virginia Certification #: 00072
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095

Eden Certification IDs

North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424
North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9242380001	**DW-01-EDWARDS**	Water	04/17/09 09:31	04/17/09 13:50

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SAMPLE ANALYTE COUNT

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9242380001	DW-01-EDWARDS	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Sample: DW-01-EDWARDS **Lab ID: 9242380001** Collected: 04/17/09 09:31 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/24/09 14:36	04/29/09 23:50	7440-38-2	
Barium	**170**	ug/L	5.0	0.20	1	04/24/09 14:36	04/29/09 23:50	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/24/09 14:36	04/29/09 23:50	7440-43-9	
Chromium	**0.63J**	ug/L	5.0	0.40	1	04/24/09 14:36	04/29/09 23:50	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/24/09 14:36	04/29/09 23:50	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/24/09 14:36	04/29/09 23:50	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/24/09 14:36	04/29/09 23:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/23/09 11:30	04/23/09 16:20	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/23/09 15:12	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/23/09 15:12	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/23/09 15:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/23/09 15:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/23/09 15:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/23/09 15:12	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/23/09 15:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/23/09 15:12	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/23/09 15:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/23/09 15:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/23/09 15:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/23/09 15:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/23/09 15:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/23/09 15:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/23/09 15:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/23/09 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/23/09 15:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/23/09 15:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/23/09 15:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/23/09 15:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/23/09 15:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/23/09 15:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/23/09 15:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/23/09 15:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/23/09 15:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/23/09 15:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/23/09 15:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/23/09 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/23/09 15:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/23/09 15:12	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/23/09 15:12	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/23/09 15:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/23/09 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/23/09 15:12	108-10-1	

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(704)875-9092

ANALYTICAL RESULTS

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

Sample: DW-01-EDWARDS **Lab ID: 9242380001** Collected: 04/17/09 09:31 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/23/09 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/23/09 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/23/09 15:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/23/09 15:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/23/09 15:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/23/09 15:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/23/09 15:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/23/09 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/23/09 15:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/23/09 15:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/23/09 15:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/23/09 15:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/23/09 15:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/23/09 15:12	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/23/09 15:12	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		04/23/09 15:12	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		04/23/09 15:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		04/23/09 15:12	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		04/23/09 15:12	2037-26-5	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

QC Batch: MPRP/4195 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 9242380001

METHOD BLANK: 268166 | Matrix: Water
Associated Lab Samples: 9242380001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	04/29/09 23:06	
Barium	ug/L	1.4J	5.0	04/29/09 23:06	
Cadmium	ug/L	ND	1.0	04/29/09 23:06	
Chromium	ug/L	ND	5.0	04/29/09 23:06	
Lead	ug/L	ND	5.0	04/29/09 23:06	
Selenium	ug/L	ND	10.0	04/29/09 23:06	
Silver	ug/L	ND	5.0	04/29/09 23:06	

LABORATORY CONTROL SAMPLE: 268167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	441	88	80-120	
Barium	ug/L	500	448	90	80-120	
Cadmium	ug/L	500	445	89	80-120	
Chromium	ug/L	500	450	90	80-120	
Lead	ug/L	500	445	89	80-120	
Selenium	ug/L	500	433	87	80-120	
Silver	ug/L	250	232	93	80-120	

MATRIX SPIKE SAMPLE: 268168

Parameter	Units	9242353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	446	89	75-125	
Barium	ug/L	20.4	500	460	88	75-125	
Cadmium	ug/L	ND	500	435	87	75-125	
Chromium	ug/L	0.90J	500	438	87	75-125	
Lead	ug/L	ND	500	433	87	75-125	
Selenium	ug/L	ND	500	433	87	75-125	
Silver	ug/L	ND	250	229	92	75-125	

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	6.9	6.8	1	20	
Cadmium	ug/L	ND	ND		20	
Chromium	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	ug/L	ND	ND		20	
Silver	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

QC Batch: MERP/2087 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 9242380001

METHOD BLANK: 266653 | Matrix: Water
Associated Lab Samples: 9242380001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/23/09 15:18	

LABORATORY CONTROL SAMPLE: 266654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 266655 266656

Parameter	Units	9242464017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.5	2.6	101	102	75-125	1	25	

SAMPLE DUPLICATE: 266657

Parameter	Units	9242464018 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

QC Batch: MSV/6768
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9242380001

METHOD BLANK: 267633
Matrix: Water
Associated Lab Samples: 9242380001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	04/23/09 13:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
2-Butanone (MEK)	ug/L	ND	5.0	04/23/09 13:37	
2-Hexanone	ug/L	ND	5.0	04/23/09 13:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/23/09 13:37	
Acetone	ug/L	ND	25.0	04/23/09 13:37	
Acrylonitrile	ug/L	ND	10.0	04/23/09 13:37	
Benzene	ug/L	ND	1.0	04/23/09 13:37	
Bromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromodichloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromoform	ug/L	ND	1.0	04/23/09 13:37	
Bromomethane	ug/L	ND	5.0	04/23/09 13:37	
Carbon disulfide	ug/L	ND	2.0	04/23/09 13:37	
Carbon tetrachloride	ug/L	ND	1.0	04/23/09 13:37	
Chlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
Chloroethane	ug/L	ND	1.0	04/23/09 13:37	
Chloroform	ug/L	0.16J	1.0	04/23/09 13:37	
Chloromethane	ug/L	ND	1.0	04/23/09 13:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	
Dibromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Dibromomethane	ug/L	ND	1.0	04/23/09 13:37	
Ethylbenzene	ug/L	ND	1.0	04/23/09 13:37	
Iodomethane	ug/L	ND	5.0	04/23/09 13:37	
m&p-Xylene	ug/L	ND	2.0	04/23/09 13:37	
Methylene Chloride	ug/L	ND	2.0	04/23/09 13:37	
o-Xylene	ug/L	ND	1.0	04/23/09 13:37	
Styrene	ug/L	ND	1.0	04/23/09 13:37	
Tetrachloroethene	ug/L	ND	1.0	04/23/09 13:37	
Toluene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

METHOD BLANK: 267633 Matrix: Water

Associated Lab Samples: 9242380001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/23/09 13:37	
Trichloroethene	ug/L	ND	1.0	04/23/09 13:37	
Trichlorofluoromethane	ug/L	ND	1.0	04/23/09 13:37	
Vinyl acetate	ug/L	ND	2.0	04/23/09 13:37	
Vinyl chloride	ug/L	ND	1.0	04/23/09 13:37	
Xylene (Total)	ug/L	ND	2.0	04/23/09 13:37	
1,2-Dichloroethane-d4 (S)	%	104	79-120	04/23/09 13:37	
4-Bromofluorobenzene (S)	%	98	87-109	04/23/09 13:37	
Dibromofluoromethane (S)	%	103	85-115	04/23/09 13:37	
Toluene-d8 (S)	%	99	70-120	04/23/09 13:37	

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	83-125	
1,1,1-Trichloroethane	ug/L	50	53.0	106	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	44.0	88	73-127	
1,1,2-Trichloroethane	ug/L	50	48.3	97	77-123	
1,1-Dichloroethane	ug/L	50	51.7	103	76-129	
1,1-Dichloroethene	ug/L	50	52.0	104	78-146	
1,2,3-Trichloropropane	ug/L	50	48.0	96	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	81-125	
1,2-Dichlorobenzene	ug/L	50	48.6	97	82-126	
1,2-Dichloroethane	ug/L	50	50.0	100	72-126	
1,2-Dichloropropane	ug/L	50	47.8	96	80-127	
1,4-Dichlorobenzene	ug/L	50	48.1	96	79-125	
2-Butanone (MEK)	ug/L	100	96.9	97	50-134	
2-Hexanone	ug/L	100	95.8	96	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.4	95	70-131	
Acetone	ug/L	100	91.4	91	50-146	
Acrylonitrile	ug/L	250	225	90	66-124	
Benzene	ug/L	50	49.2	98	78-128	
Bromochloromethane	ug/L	50	46.8	94	73-124	
Bromodichloromethane	ug/L	50	49.3	99	81-125	
Bromoform	ug/L	50	41.6	83	71-125	
Bromomethane	ug/L	50	56.2	112	50-150	
Carbon disulfide	ug/L	50	48.9	98	54-150	
Carbon tetrachloride	ug/L	50	54.0	108	81-137	
Chlorobenzene	ug/L	50	48.9	98	82-126	
Chloroethane	ug/L	50	52.0	104	69-140	
Chloroform	ug/L	50	49.6	99	77-129	
Chloromethane	ug/L	50	52.4	105	54-139	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	76-133	
cis-1,3-Dichloropropene	ug/L	50	53.0	106	76-127	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	49.3	99	77-125	
Dibromomethane	ug/L	50	46.4	93	77-125	
Ethylbenzene	ug/L	50	50.1	100	80-127	
Iodomethane	ug/L	100	104	104	65-172	
m&p-Xylene	ug/L	100	104	104	82-127	
Methylene Chloride	ug/L	50	50.1	100	67-133	
o-Xylene	ug/L	50	49.0	98	83-124	
Styrene	ug/L	50	52.3	105	80-130	
Tetrachloroethene	ug/L	50	51.1	102	78-128	
Toluene	ug/L	50	48.6	97	76-126	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	78-134	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	53.6	107	51-140	
Trichloroethene	ug/L	50	51.4	103	79-127	
Trichlorofluoromethane	ug/L	50	56.7	113	76-148	
Vinyl acetate	ug/L	100	104	104	50-150	
Vinyl chloride	ug/L	50	55.6	111	67-143	
Xylene (Total)	ug/L	150	153	102	83-125	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			99	70-120	

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QUALIFIERS

Project: Madison Co.-Closed LF-Edwards
Pace Project No.: 9242380

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

769127

Page: 1 of 1

Required Client Information: Section A

Company: Altamont Environmental
Address: 50 College St
Asheville, NC 28801
jlenk@altamontenvironmental.com
Phone: 828-281-3350 Fax: 828-281-3351

Required Client Information: Section B

Report To: Joel Lenk
Copy To:
Invoice To: Judith Robertson
P.O.
Project Name: Madison Co.- Closed LF
Project Number: 2313.1201

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

To Be Completed by Pace Analytical and Client: Section C

Quote Reference:
Project Manager: Lori Patton
Project #:
Profile #:

Section D Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

Requested Analysis: App IVOCs by 8260 / RCRA metals

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (mm / dd / yy)	TIME COLLECTED (hh:mm a/p)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	App IVOCs by 8260	RCRA metals	Remarks / Lab ID (924380)
1	DW-01-EDWARDS	WT	04/17/09	09:31	4			1	3					X	X	-001
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Katie Massie / Altamont	04/17/09	13:50	[signature]	4/17/09	1350

SAMPLE CONDITION

Temp in °C	5.4
Received on Ice	(Y) N
Sealed Cooler	Y (N)
Samples Intact	(Y) N

Additional Comments:

SAMPLE NOTES

- VOCs by 8260 low level
- include PQL, MDL, qualifiers
- grab sample

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Katie Massie
SIGNATURE of SAMPLER: Katie Massie
DATE Signed: (MM / DD / YY) 04/17/09

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

Form COC01 Rev 0402

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April 30, 2009

Mr. Joel Lenk
Altamont Environmental
50 College Street
Asheville, NC 28801

RE: Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Dear Mr. Lenk:
Enclosed are the analytical results for sample(s) received by the laboratory on April 17, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

Asheville Certification IDs

West Virginia Certification #: 356
Virginia Certification #: 00072
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095

Eden Certification IDs

North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424
North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9242381001	**DW-02-EDWARDS**	Water	04/17/09 10:00	04/17/09 13:50

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SAMPLE ANALYTE COUNT

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9242381001	DW-02-EDWARDS	EPA 6010	EWS	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	53	PASI-C

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Sample: DW-02-EDWARDS **Lab ID: 9242381001** Collected: 04/17/09 10:00 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND	ug/L	5.0	2.7	1	04/24/09 14:36	04/29/09 23:53	7440-38-2	
Barium	**114**	ug/L	5.0	0.20	1	04/24/09 14:36	04/29/09 23:53	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	04/24/09 14:36	04/29/09 23:53	7440-43-9	
Chromium	ND	ug/L	5.0	0.40	1	04/24/09 14:36	04/29/09 23:53	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	04/24/09 14:36	04/29/09 23:53	7439-92-1	
Selenium	ND	ug/L	10.0	3.8	1	04/24/09 14:36	04/29/09 23:53	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/24/09 14:36	04/29/09 23:53	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/23/09 11:30	04/23/09 16:23	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		04/23/09 15:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		04/23/09 15:35	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		04/23/09 15:35	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		04/23/09 15:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/23/09 15:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		04/23/09 15:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		04/23/09 15:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		04/23/09 15:35	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		04/23/09 15:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/23/09 15:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		04/23/09 15:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		04/23/09 15:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		04/23/09 15:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/23/09 15:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		04/23/09 15:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		04/23/09 15:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/23/09 15:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		04/23/09 15:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		04/23/09 15:35	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/23/09 15:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		04/23/09 15:35	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		04/23/09 15:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/23/09 15:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		04/23/09 15:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		04/23/09 15:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		04/23/09 15:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/23/09 15:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/23/09 15:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/23/09 15:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/23/09 15:35	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		04/23/09 15:35	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		04/23/09 15:35	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/23/09 15:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		04/23/09 15:35	108-10-1	

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ANALYTICAL RESULTS

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

Sample: DW-02-EDWARDS **Lab ID: 9242381001** Collected: 04/17/09 10:00 Received: 04/17/09 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Styrene	ND	ug/L	1.0	0.26	1		04/23/09 15:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		04/23/09 15:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		04/23/09 15:35	79-34-5	
Tetrachloroethene	**15.5**	ug/L	1.0	0.46	1		04/23/09 15:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/23/09 15:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/23/09 15:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/23/09 15:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		04/23/09 15:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/23/09 15:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		04/23/09 15:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		04/23/09 15:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/23/09 15:35	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		04/23/09 15:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/23/09 15:35	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/23/09 15:35	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		04/23/09 15:35	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		04/23/09 15:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		04/23/09 15:35	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		04/23/09 15:35	2037-26-5	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

QC Batch: MPRP/4195 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 9242381001

METHOD BLANK: 268166 | Matrix: Water
Associated Lab Samples: 9242381001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	04/29/09 23:06	
Barium	ug/L	1.4J	5.0	04/29/09 23:06	
Cadmium	ug/L	ND	1.0	04/29/09 23:06	
Chromium	ug/L	ND	5.0	04/29/09 23:06	
Lead	ug/L	ND	5.0	04/29/09 23:06	
Selenium	ug/L	ND	10.0	04/29/09 23:06	
Silver	ug/L	ND	5.0	04/29/09 23:06	

LABORATORY CONTROL SAMPLE: 268167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	441	88	80-120	
Barium	ug/L	500	448	90	80-120	
Cadmium	ug/L	500	445	89	80-120	
Chromium	ug/L	500	450	90	80-120	
Lead	ug/L	500	445	89	80-120	
Selenium	ug/L	500	433	87	80-120	
Silver	ug/L	250	232	93	80-120	

MATRIX SPIKE SAMPLE: 268168

Parameter	Units	9242353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	446	89	75-125	
Barium	ug/L	20.4	500	460	88	75-125	
Cadmium	ug/L	ND	500	435	87	75-125	
Chromium	ug/L	0.90J	500	438	87	75-125	
Lead	ug/L	ND	500	433	87	75-125	
Selenium	ug/L	ND	500	433	87	75-125	
Silver	ug/L	ND	250	229	92	75-125	

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	6.9	6.8	1	20	
Cadmium	ug/L	ND	ND		20	
Chromium	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

SAMPLE DUPLICATE: 268169

Parameter	Units	9242353003 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	ug/L	ND	ND		20	
Silver	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

QC Batch: MERP/2087
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 9242381001

METHOD BLANK: 266653
Matrix: Water
Associated Lab Samples: 9242381001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/23/09 15:18	

LABORATORY CONTROL SAMPLE: 266654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 266655 266656

Parameter	Units	9242464017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.5	2.6	101	102	75-125	1	25	

SAMPLE DUPLICATE: 266657

Parameter	Units	9242464018 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

QC Batch: MSV/6768
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9242381001

METHOD BLANK: 267633
Matrix: Water
Associated Lab Samples: 9242381001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,1-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	04/23/09 13:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloroethane	ug/L	ND	1.0	04/23/09 13:37	
1,2-Dichloropropane	ug/L	ND	1.0	04/23/09 13:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
2-Butanone (MEK)	ug/L	ND	5.0	04/23/09 13:37	
2-Hexanone	ug/L	ND	5.0	04/23/09 13:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/23/09 13:37	
Acetone	ug/L	ND	25.0	04/23/09 13:37	
Acrylonitrile	ug/L	ND	10.0	04/23/09 13:37	
Benzene	ug/L	ND	1.0	04/23/09 13:37	
Bromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromodichloromethane	ug/L	ND	1.0	04/23/09 13:37	
Bromoform	ug/L	ND	1.0	04/23/09 13:37	
Bromomethane	ug/L	ND	5.0	04/23/09 13:37	
Carbon disulfide	ug/L	ND	2.0	04/23/09 13:37	
Carbon tetrachloride	ug/L	ND	1.0	04/23/09 13:37	
Chlorobenzene	ug/L	ND	1.0	04/23/09 13:37	
Chloroethane	ug/L	ND	1.0	04/23/09 13:37	
Chloroform	ug/L	0.16J	1.0	04/23/09 13:37	
Chloromethane	ug/L	ND	1.0	04/23/09 13:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	
Dibromochloromethane	ug/L	ND	1.0	04/23/09 13:37	
Dibromomethane	ug/L	ND	1.0	04/23/09 13:37	
Ethylbenzene	ug/L	ND	1.0	04/23/09 13:37	
Iodomethane	ug/L	ND	5.0	04/23/09 13:37	
m&p-Xylene	ug/L	ND	2.0	04/23/09 13:37	
Methylene Chloride	ug/L	ND	2.0	04/23/09 13:37	
o-Xylene	ug/L	ND	1.0	04/23/09 13:37	
Styrene	ug/L	ND	1.0	04/23/09 13:37	
Tetrachloroethene	ug/L	ND	1.0	04/23/09 13:37	
Toluene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/23/09 13:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/23/09 13:37	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

METHOD BLANK: 267633 Matrix: Water

Associated Lab Samples: 9242381001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/23/09 13:37	
Trichloroethene	ug/L	ND	1.0	04/23/09 13:37	
Trichlorofluoromethane	ug/L	ND	1.0	04/23/09 13:37	
Vinyl acetate	ug/L	ND	2.0	04/23/09 13:37	
Vinyl chloride	ug/L	ND	1.0	04/23/09 13:37	
Xylene (Total)	ug/L	ND	2.0	04/23/09 13:37	
1,2-Dichloroethane-d4 (S)	%	104	79-120	04/23/09 13:37	
4-Bromofluorobenzene (S)	%	98	87-109	04/23/09 13:37	
Dibromofluoromethane (S)	%	103	85-115	04/23/09 13:37	
Toluene-d8 (S)	%	99	70-120	04/23/09 13:37	

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	83-125	
1,1,1-Trichloroethane	ug/L	50	53.0	106	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	44.0	88	73-127	
1,1,2-Trichloroethane	ug/L	50	48.3	97	77-123	
1,1-Dichloroethane	ug/L	50	51.7	103	76-129	
1,1-Dichloroethene	ug/L	50	52.0	104	78-146	
1,2,3-Trichloropropane	ug/L	50	48.0	96	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	81-125	
1,2-Dichlorobenzene	ug/L	50	48.6	97	82-126	
1,2-Dichloroethane	ug/L	50	50.0	100	72-126	
1,2-Dichloropropane	ug/L	50	47.8	96	80-127	
1,4-Dichlorobenzene	ug/L	50	48.1	96	79-125	
2-Butanone (MEK)	ug/L	100	96.9	97	50-134	
2-Hexanone	ug/L	100	95.8	96	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.4	95	70-131	
Acetone	ug/L	100	91.4	91	50-146	
Acrylonitrile	ug/L	250	225	90	66-124	
Benzene	ug/L	50	49.2	98	78-128	
Bromochloromethane	ug/L	50	46.8	94	73-124	
Bromodichloromethane	ug/L	50	49.3	99	81-125	
Bromoform	ug/L	50	41.6	83	71-125	
Bromomethane	ug/L	50	56.2	112	50-150	
Carbon disulfide	ug/L	50	48.9	98	54-150	
Carbon tetrachloride	ug/L	50	54.0	108	81-137	
Chlorobenzene	ug/L	50	48.9	98	82-126	
Chloroethane	ug/L	50	52.0	104	69-140	
Chloroform	ug/L	50	49.6	99	77-129	
Chloromethane	ug/L	50	52.4	105	54-139	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	76-133	
cis-1,3-Dichloropropene	ug/L	50	53.0	106	76-127	

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QUALITY CONTROL DATA

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

LABORATORY CONTROL SAMPLE: 267634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	49.3	99	77-125	
Dibromomethane	ug/L	50	46.4	93	77-125	
Ethylbenzene	ug/L	50	50.1	100	80-127	
Iodomethane	ug/L	100	104	104	65-172	
m&p-Xylene	ug/L	100	104	104	82-127	
Methylene Chloride	ug/L	50	50.1	100	67-133	
o-Xylene	ug/L	50	49.0	98	83-124	
Styrene	ug/L	50	52.3	105	80-130	
Tetrachloroethene	ug/L	50	51.1	102	78-128	
Toluene	ug/L	50	48.6	97	76-126	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	78-134	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	53.6	107	51-140	
Trichloroethene	ug/L	50	51.4	103	79-127	
Trichlorofluoromethane	ug/L	50	56.7	113	76-148	
Vinyl acetate	ug/L	100	104	104	50-150	
Vinyl chloride	ug/L	50	55.6	111	67-143	
Xylene (Total)	ug/L	150	153	102	83-125	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			99	70-120	

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QUALIFIERS

Project: Madison Co.-Closed LF-Edwards2
Pace Project No.: 9242381

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

885735

Page: 1 of 1

Required Client Information: Section A

Company: Altamont Environmental
Address: 50 College St
Asheville, NC 28801
jlenk@altamontenvironmental.com
Phone: 828-251-3350 Fax: 828-281-3351

Required Client Information: Section B

Report To: Joel Lenk
Copy To:
Invoice To: Judith Robertson
P.O.
Project Name: Madison Co - Closed LF
Project Number: 2313.1201

Client Information (Check quote/contract):
Requested Due Date: *TAT:

*Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

To Be Completed by Pace Analytical and Client: Section C

Quote Reference:
Project Manager: Lorri Patton
Project #: 2313.1201
Profile #:

Section D Required Client Information:

SAMPLE ID
One character per box.
(A-Z, 0-9 / .-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
GROUNDWATER	GW
SURFACE WATER	SW
WASTE WATER	WW
PRODUCT	P
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP.	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Req. Analysis: Req. I VOCs (8260)	RCRA Metals							9242381 Remarks / Lab ID
1		~~WW~~	~~G~~			~~4/17/09~~																			
2	DW-02-EDWARDS	WW	G			4/17/09	10:00	14			1	3					X	X							-001
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

SITE LOCATION: ☒ NC ☐ SC ☐ GA ☐ Other

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Katie Massie / Altamont	4/17/09	13:50	[signature]	4/17/09	1350

SAMPLE CONDITION

Temp in °C	5.4
Received on Ice	~~Y~~/N
Sealed Cooler	~~Y~~/N
Samples Intact	Y/~~N~~

SAMPLE NOTES
- VOCs by 8260 low level
- include MDL, PQL, qualifiers in report
- grab sample

Additional Comments:

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Katie Massie
SIGNATURE of SAMPLER: Katie Massie
DATE Signed: (MM / DD / YY) 04/17/09

SEE REVERSE SIDE FOR INSTRUCTIONS

Form COC01 Rev. 0304

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June 22, 2009

Mr. Joel Lenk
Altamont Environmental
50 College Street
Asheville, NC 28801

RE: Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Dear Mr. Lenk:
Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

Asheville Certification IDs

West Virginia Certification #: 356
Virginia Certification #: 00072
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095

Eden Certification IDs

North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424
North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9246541001	**DW-01-EDWARDS**	Water	06/15/09 11:15	06/15/09 16:10
9246541002	**DW-02-EDWARDS**	Water	06/15/09 11:40	06/15/09 16:10
9246541003	**TRIP BLANK**	Water	06/15/09 11:40	06/15/09 16:10

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SAMPLE ANALYTE COUNT

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9246541001	DW-01-EDWARDS	EPA 8260	MCK	53	PASI-C
9246541002	DW-02-EDWARDS	EPA 8260	MCK	53	PASI-C

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: DW-01-EDWARDS **Lab ID: 9246541001** Collected: 06/15/09 11:15 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/18/09 15:27	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/18/09 15:27	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/18/09 15:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/18/09 15:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/18/09 15:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/18/09 15:27	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		06/18/09 15:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/18/09 15:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/18/09 15:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/18/09 15:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/18/09 15:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/18/09 15:27	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/18/09 15:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/18/09 15:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		06/18/09 15:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/18/09 15:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/18/09 15:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/18/09 15:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/18/09 15:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/09 15:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/18/09 15:27	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/18/09 15:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/18/09 15:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/18/09 15:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/18/09 15:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/18/09 15:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/18/09 15:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/18/09 15:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/18/09 15:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/18/09 15:27	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/18/09 15:27	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/18/09 15:27	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/18/09 15:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/18/09 15:27	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/18/09 15:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/18/09 15:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/18/09 15:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/18/09 15:27	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/18/09 15:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/18/09 15:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/18/09 15:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/18/09 15:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/18/09 15:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/18/09 15:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/18/09 15:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/18/09 15:27	75-01-4	

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: DW-01-EDWARDS **Lab ID: 9246541001** Collected: 06/15/09 11:15 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/18/09 15:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/18/09 15:27	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/18/09 15:27	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		06/18/09 15:27	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		06/18/09 15:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		06/18/09 15:27	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		06/18/09 15:27	2037-26-5	

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: DW-02-EDWARDS **Lab ID: 9246541002** Collected: 06/15/09 11:40 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/18/09 15:50	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/18/09 15:50	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/18/09 15:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/18/09 15:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/18/09 15:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/18/09 15:50	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		06/18/09 15:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/18/09 15:50	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/18/09 15:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/18/09 15:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/18/09 15:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/18/09 15:50	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/18/09 15:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/18/09 15:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		06/18/09 15:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/18/09 15:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/18/09 15:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/18/09 15:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/18/09 15:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/09 15:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/18/09 15:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/18/09 15:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/18/09 15:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/18/09 15:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/18/09 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/18/09 15:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/18/09 15:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/18/09 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/18/09 15:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/18/09 15:50	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/18/09 15:50	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/18/09 15:50	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/18/09 15:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/18/09 15:50	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/18/09 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/18/09 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/18/09 15:50	79-34-5	
Tetrachloroethene	**5.0**	ug/L	1.0	0.46	1		06/18/09 15:50	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/18/09 15:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/18/09 15:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/18/09 15:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/18/09 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/18/09 15:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/18/09 15:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/18/09 15:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/18/09 15:50	75-01-4	

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: DW-02-EDWARDS **Lab ID: 9246541002** Collected: 06/15/09 11:40 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/18/09 15:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/18/09 15:50	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/18/09 15:50	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		06/18/09 15:50	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		06/18/09 15:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		06/18/09 15:50	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		06/18/09 15:50	2037-26-5	

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: TRIP BLANK **Lab ID: 9246541003** Collected: 06/15/09 11:40 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/18/09 16:14	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/18/09 16:14	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/18/09 16:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/18/09 16:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/18/09 16:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/18/09 16:14	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		06/18/09 16:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/18/09 16:14	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/18/09 16:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/18/09 16:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/18/09 16:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/18/09 16:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/18/09 16:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/18/09 16:14	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		06/18/09 16:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/18/09 16:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/18/09 16:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/18/09 16:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/18/09 16:14	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/09 16:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/18/09 16:14	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/18/09 16:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/18/09 16:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/18/09 16:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/18/09 16:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/18/09 16:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/18/09 16:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/18/09 16:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/18/09 16:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/18/09 16:14	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/18/09 16:14	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/18/09 16:14	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/18/09 16:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/18/09 16:14	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/18/09 16:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/18/09 16:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/18/09 16:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/18/09 16:14	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/18/09 16:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/18/09 16:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/18/09 16:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/18/09 16:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/18/09 16:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/18/09 16:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/18/09 16:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/18/09 16:14	75-01-4	

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ANALYTICAL RESULTS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

Sample: TRIP BLANK **Lab ID: 9246541003** Collected: 06/15/09 11:40 Received: 06/15/09 16:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: EPA 8260								
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/18/09 16:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/18/09 16:14	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/18/09 16:14	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		06/18/09 16:14	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		06/18/09 16:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		06/18/09 16:14	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		06/18/09 16:14	2037-26-5	

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QUALITY CONTROL DATA

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

QC Batch: MSV/7381 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9246541001, 9246541002, 9246541003

METHOD BLANK: 296341 Matrix: Water
Associated Lab Samples: 9246541001, 9246541002, 9246541003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,1-Dichloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,1-Dichloroethene	ug/L	ND	1.0	06/18/09 14:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/18/09 14:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	06/18/09 14:39	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/18/09 14:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/18/09 14:39	
1,2-Dichloroethane	ug/L	ND	1.0	06/18/09 14:39	
1,2-Dichloropropane	ug/L	ND	1.0	06/18/09 14:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/18/09 14:39	
2-Butanone (MEK)	ug/L	ND	5.0	06/18/09 14:39	
2-Hexanone	ug/L	ND	5.0	06/18/09 14:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/18/09 14:39	
Acetone	ug/L	ND	25.0	06/18/09 14:39	
Acrylonitrile	ug/L	ND	10.0	06/18/09 14:39	
Benzene	ug/L	ND	1.0	06/18/09 14:39	
Bromochloromethane	ug/L	ND	1.0	06/18/09 14:39	
Bromodichloromethane	ug/L	ND	1.0	06/18/09 14:39	
Bromoform	ug/L	ND	1.0	06/18/09 14:39	
Bromomethane	ug/L	ND	5.0	06/18/09 14:39	
Carbon disulfide	ug/L	ND	2.0	06/18/09 14:39	
Carbon tetrachloride	ug/L	ND	1.0	06/18/09 14:39	
Chlorobenzene	ug/L	ND	1.0	06/18/09 14:39	
Chloroethane	ug/L	ND	1.0	06/18/09 14:39	
Chloroform	ug/L	ND	1.0	06/18/09 14:39	
Chloromethane	ug/L	ND	1.0	06/18/09 14:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/18/09 14:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/18/09 14:39	
Dibromochloromethane	ug/L	ND	1.0	06/18/09 14:39	
Dibromomethane	ug/L	ND	1.0	06/18/09 14:39	
Ethylbenzene	ug/L	ND	1.0	06/18/09 14:39	
Iodomethane	ug/L	ND	5.0	06/18/09 14:39	
m&p-Xylene	ug/L	ND	2.0	06/18/09 14:39	
Methylene Chloride	ug/L	ND	2.0	06/18/09 14:39	
o-Xylene	ug/L	ND	1.0	06/18/09 14:39	
Styrene	ug/L	ND	1.0	06/18/09 14:39	
Tetrachloroethene	ug/L	ND	1.0	06/18/09 14:39	
Toluene	ug/L	ND	1.0	06/18/09 14:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/18/09 14:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/18/09 14:39	

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QUALITY CONTROL DATA

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

METHOD BLANK: 296341 Matrix: Water

Associated Lab Samples: 9246541001, 9246541002, 9246541003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	06/18/09 14:39	
Trichloroethene	ug/L	ND	1.0	06/18/09 14:39	
Trichlorofluoromethane	ug/L	ND	1.0	06/18/09 14:39	
Vinyl acetate	ug/L	ND	2.0	06/18/09 14:39	
Vinyl chloride	ug/L	ND	1.0	06/18/09 14:39	
Xylene (Total)	ug/L	ND	2.0	06/18/09 14:39	
1,2-Dichloroethane-d4 (S)	%	107	79-120	06/18/09 14:39	
4-Bromofluorobenzene (S)	%	99	87-109	06/18/09 14:39	
Dibromofluoromethane (S)	%	100	85-115	06/18/09 14:39	
Toluene-d8 (S)	%	98	70-120	06/18/09 14:39	

LABORATORY CONTROL SAMPLE: 296342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.1	100	83-125	
1,1,1-Trichloroethane	ug/L	50	52.4	105	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	73-127	
1,1,2-Trichloroethane	ug/L	50	49.6	99	77-123	
1,1-Dichloroethane	ug/L	50	50.8	102	76-129	
1,1-Dichloroethene	ug/L	50	41.6	83	78-146	
1,2,3-Trichloropropane	ug/L	50	50.9	102	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	49.8	100	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	81-125	
1,2-Dichlorobenzene	ug/L	50	48.1	96	82-126	
1,2-Dichloroethane	ug/L	50	51.7	103	72-126	
1,2-Dichloropropane	ug/L	50	48.5	97	80-127	
1,4-Dichlorobenzene	ug/L	50	50.4	101	79-125	
2-Butanone (MEK)	ug/L	100	106	106	50-134	
2-Hexanone	ug/L	100	110	110	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-131	
Acetone	ug/L	100	111	111	50-146	
Acrylonitrile	ug/L	250	275	110	66-124	
Benzene	ug/L	50	47.5	95	78-128	
Bromochloromethane	ug/L	50	49.2	98	73-124	
Bromodichloromethane	ug/L	50	49.4	99	81-125	
Bromoform	ug/L	50	44.9	90	71-125	
Bromomethane	ug/L	50	44.7	89	50-150	
Carbon disulfide	ug/L	50	33.9	68	54-150	
Carbon tetrachloride	ug/L	50	51.1	102	81-137	
Chlorobenzene	ug/L	50	45.4	91	82-126	
Chloroethane	ug/L	50	45.2	90	69-140	
Chloroform	ug/L	50	50.3	101	77-129	
Chloromethane	ug/L	50	45.2	90	54-139	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	76-133	
cis-1,3-Dichloropropene	ug/L	50	49.4	99	76-127	

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QUALITY CONTROL DATA

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

LABORATORY CONTROL SAMPLE: 296342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	49.7	99	77-125	
Dibromomethane	ug/L	50	52.3	105	77-125	
Ethylbenzene	ug/L	50	48.8	98	80-127	
Iodomethane	ug/L	100	124	124	65-172	
m&p-Xylene	ug/L	100	100	100	82-127	
Methylene Chloride	ug/L	50	42.4	85	67-133	
o-Xylene	ug/L	50	48.3	97	83-124	
Styrene	ug/L	50	51.6	103	80-130	
Tetrachloroethene	ug/L	50	51.1	102	78-128	
Toluene	ug/L	50	46.7	93	76-126	
trans-1,2-Dichloroethene	ug/L	50	48.2	96	78-134	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	52.9	106	51-140	
Trichloroethene	ug/L	50	47.9	96	79-127	
Trichlorofluoromethane	ug/L	50	45.7	91	76-148	
Vinyl acetate	ug/L	100	106	106	50-150	
Vinyl chloride	ug/L	50	46.6	93	67-143	
Xylene (Total)	ug/L	150	149	99	83-125	
1,2-Dichloroethane-d4 (S)	%			105	79-120	
4-Bromofluorobenzene (S)	%			101	87-109	
Dibromofluoromethane (S)	%			103	85-115	
Toluene-d8 (S)	%			98	70-120	

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QUALIFIERS

Project: MADISON CO LF CLOSED 06/15
Pace Project No.: 9246541

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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1242250

Section A Required Client Information:

Company: ALTAMONT
Address: 231 MAYWOOD ST.
ASHEVILLE, NC 28801
Email To: jlenk@altamontenvironment.com
Phone: 828-281-3350 Fax: 828-281-3351
Requested Due Date/TAT: 7 DAYS

Section B Required Project Information:

Report To: JOEL LENK
Copy To:
Purchase Order No.:
Project Name: MADISON CO LF CLOSURE
Project Number: 2313.11

Section C Invoice Information:

Attention: SUE BROWN
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: LORRIE PATTON
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): Y/N; Analysis Test: 8260 App. I VOCs

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 App. I VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9246541
1	DW-01-EDWARDS	WT	G			6/15/09	1115	16	3				X					X		9246541001
2	DW-02-EDWARDS	WT	G			6/15/09	1140	16	3				X					X		9246541002
3																				
4	TRIP BLANK	WT	G			—	—	—	2				X					X		9246541003
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
LOW-LEVEL 8260	A. Mahler	6/15/09	1610	[signature]	6/16/09	1:00	5.4	Y	N	Y
INCLUDE MDL, RL, + QUANTITATION LIMITS										
7-DAY TAT										

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.